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ANNUAL REPORT  
OF  
The Boston City Hospital  
BOSTON, MASS.



1915-16

★  
No 6359.17

52nd  
1915/16



The Hospital







FIFTY-SECOND ANNUAL REPORT  
OF  
THE TRUSTEES  
OF  
THE BOSTON CITY HOSPITAL  
INCLUDING THE  
REPORT OF THE SUPERINTENDENT  
UPON THE  
HOSPITAL PROPER  
THE SOUTH DEPARTMENT FOR INFECTIOUS DISEASES  
THE HAYMARKET SQUARE RELIEF STATION  
THE EAST BOSTON RELIEF STATION  
THE CONVALESCENT HOME AT DORCHESTER  
THE WEST DEPARTMENT  
AND ALSO  
THE MEDICAL AND SURGICAL STATISTICS, HOUSE RULES,  
WITH RULES FOR ADMISSION, DISCHARGE AND  
GOVERNMENT OF PATIENTS, ETC.,  
FOR THE FIFTY-SECOND YEAR  
FEBRUARY 1, 1915, TO JANUARY 31, 1916, INCLUSIVE



CITY OF BOSTON  
PRINTING DEPARTMENT  
1916

6359.17



The Hospital  
Feb 10 1917

VETERINARY COUNCIL

INT NO

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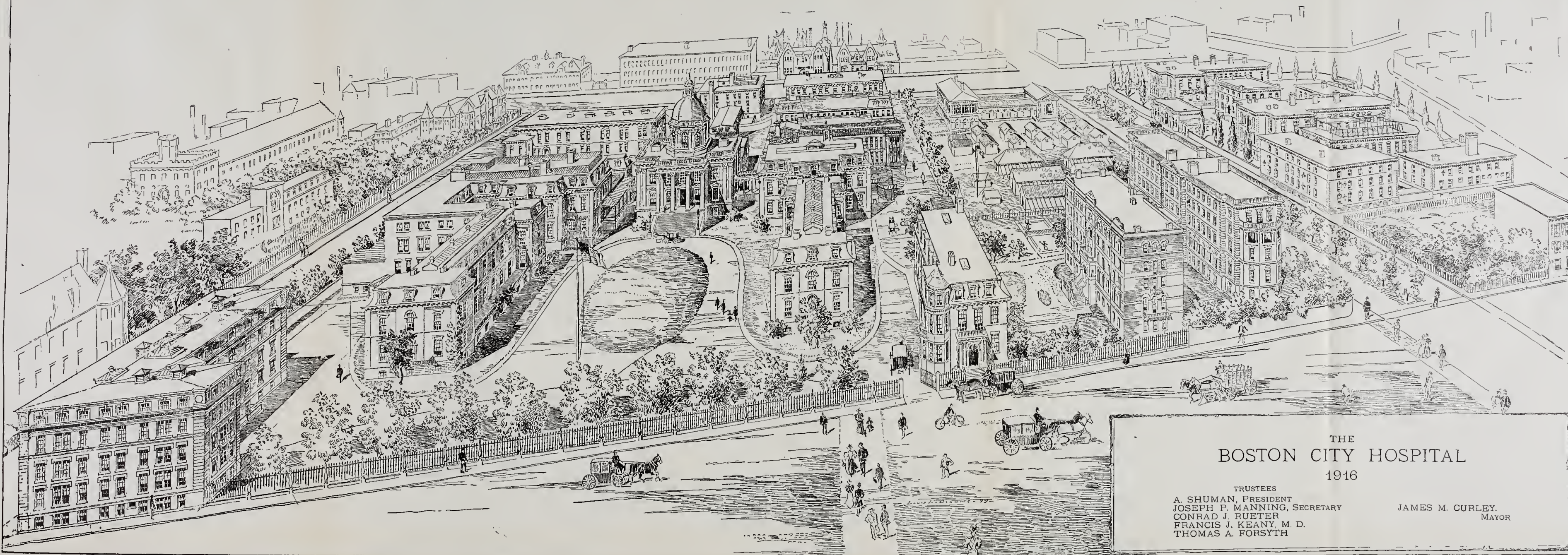
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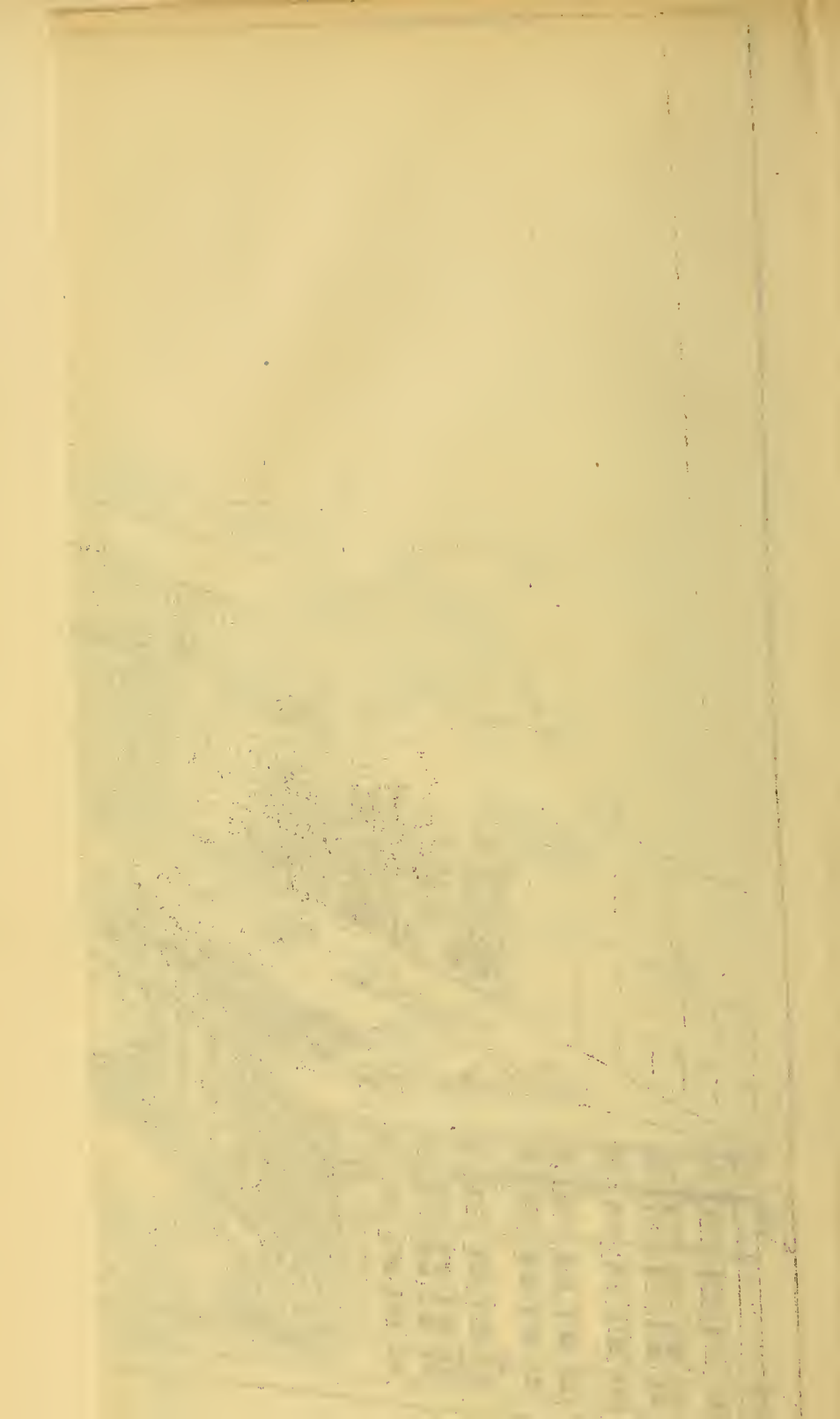
THE  
BOSTON CITY HOSPITAL  
1916

TRUSTEES

A. SHUMAN, PRESIDENT  
JOSEPH P. MANNING, SECRETARY  
CONRAD J. RUETER  
FRANCIS J. KEANY, M. D.  
THOMAS A. FORSYTH

JAMES M. CURLEY,  
MAYOR





FIFTY-SECOND ANNUAL REPORT  
OF THE  
TRUSTEES  
OF  
THE BOSTON CITY HOSPITAL  
WITH  
REPORT OF THE SUPERINTENDENT

THE MEDICAL AND SURGICAL STATISTICS, HOUSE RULES,  
WITH RULES FOR ADMISSION, DISCHARGE AND  
GOVERNMENT OF PATIENTS, ETC.,

FOR THE

FIFTY-SECOND YEAR, FEBRUARY 1, 1915, TO  
JANUARY 31, 1916, INCLUSIVE.

---

TRUSTEES.

A. SHUMAN, <i>President</i>	Term expires in 1920.
JOSEPH P. MANNING, <i>Secretary</i>	Term expires in 1916.
CONRAD J. RUETER	Term expires in 1918.
FRANCIS J. KEANY, M. D.	Term expires in 1917.
THOMAS A. FORSYTH	Term expires in 1919.

---

MEDICAL AND SURGICAL STAFF.

*Consulting Physicians and Surgeons.*

Edward H. Bradford, M. D.	Thos. Amory DeBlois, M. D.
Vincent Y. Bowditch, M. D.	E. M. Buckingham, M. D.
William P. Bolles, M. D.	George H. Monks, M. D.
Abner Post, M. D.	Morton Prince, M. D.
Hayward W. Cushing, M. D.	Chas. F. Withington, M. D.
Francis S. Watson, M. D.	Elliott P. Joslin, M. D.

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*Consultant in Tropical Diseases.*

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*Curator of the Hospital Museum.*

Abner Post, M. D.

*Superintendent and Medical Director.*

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David D. Scannell, M. D.		

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Albert Ehrenfried, M. D.		

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Arthur R. Kimpton, M. D.		

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Otto J. Hermann, M. D.		Francis F. Henderson, M. D.

*Temporary Assistant to Out-Patient Surgeons.*

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Frank L. Richardson, M. D.		Lincoln F. Sise, M. D.

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--------------------------	--	------------------------

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*Senior Visiting Surgeon for Diseases of Women.*

Franklin S. Newell, M. D.

*Junior Visiting Surgeon for Diseases of Women.*

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*First Assistant Visiting Surgeon for Diseases of Women.*

Nathaniel R. Mason, M. D.

*Second Assistant Visiting Surgeon for Diseases of Women.*

Robert M. Green, M. D.

*Third Assistant Visiting Surgeons for Diseases of Women.*

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*Ophthalmic Surgeons.*Allen Greenwood, M. D. | Edward R. Williams, M. D.  
Peter H. Thompson, M. D.*Assistants to the Ophthalmic Surgeons.*William H. Lowell, M. D. | H. B. Stevens, M. D.  
Minot F. Davis, M. D. | Henry Hawkins, M. D.  
William D. Madden, M. D.*Senior Surgeon for Diseases of Ear and Throat.*

George A. Leland, M. D.

*Visiting Surgeon for Diseases of Ear and Throat.*

Edgar M. Holmes, M. D.

*Surgeons for Diseases of Ear and Throat.*Rockwell A. Coffin, M. D. | Charles R. C. Borden, M. D.  
George L. Vogel, M. D.*Assistant Surgeons for Diseases of Ear and Throat.*Henry Tolman, Jr., M. D. | Calvin B. Faunce, Jr., M. D.  
John H. Blodgett, M. D. | Louis M. Freedman, M. D.  
Robert J. Kissock, M. D.*Visiting Physicians for Diseases of the Nervous System.*Philip Coombs Knapp, M. D. | John J. Thomas, M. D.  
Arthur W. Fairbanks, M. D.*First Assistant Visiting Physicians for Diseases of the Nervous System.*

Isador H. Coriat, M. D. | William J. Daly, M. D.



*Second Assistant Visiting Physicians for Diseases of the Nervous System.*

LeRoy A. Luce, M. D. | Hale Powers, M. D.

*Physician for Physical Therapeutics.*

Frank B. Granger, M. D.

---

*Physician for Diseases of the Skin.*

Francis J. Keany, M. D.

*Assistants to the Physician for Diseases of the Skin.*

Arthur P. Perry, M. D.	William P. Boardman, M. D.
T. W. Thorndike, M. D.	George P. Howe, M. D.

---

*Pathologist.*

F. B. Mallory, M. D.

*Physician for Infectious Diseases.*

Edwin H. Place, M. D.

---

*Physician for X-Ray Service.*

Samuel W. Ellsworth, M. D.

*Assistant Physician for X-Ray Service.*

Paul F. Butler, M. D.

---

*Consultant in Vaccine and Serum Therapy.*

George P. Sanborn, M. D.

---

*Advisory Staff, South Department.*

George W. Gay, M. D.	George A. Leland, M. D.
John G. Blake, M. D.	F. B. Mallory, M. D.

---

*Physicians to the Convalescent Home.*

John P. Treanor, M. D.	Robert M. Merrick, M. D.
Henry F. R. Watts, M. D.	

## HOUSE OFFICERS.

*House Physicians.**House Surgeons.*

(For four months ending March 15, 1915.)

Norman B. Cole.  
James C. Carter.  
David M. Hassman.  
Albert A. Hornor, Jr.

Edward B. Sheehan.  
William R. Morrison.  
Byron P. Stookey.  
Russell P. Borden.

(For four months ending July 19, 1915.)

Donald Munro.  
Allan R. Cunningham.  
Eli Friedman.  
George Klein.

William F. Dolan.  
Charles O. McCormick.  
Harold M. Goodwin.

*House Physicians.**House Surgeons.*

(For four months ending November 15, 1915.)

Herman Caro.  
James A. Keenan.  
Maurice G. Berlin.  
Hiram H. Amiral.

Harold E. Winchester.  
Harold B. Johnson.  
Sumner C. Andrews.

(For four months beginning November 1, 1915.)

Myer I. Berman.  
Benjamin P. Burpee.  
Hyman Green.  
William R. Ohler.

John P. Byrnes.  
Alfred K. Bates, Jr.  
Ivan R. Burket.  
Donald Munro.  
Sumner C. Andrews.

*Gynæcological House Surgeons.*

(For four months ending March 15, 1915.)

Albert A. Shapira.

(For four months ending July 19, 1915.)

William E. R. McMahon.

(For four months ending November 15, 1915.)

Harold V. Hyde.

(For four months beginning November 1, 1915.)

Joseph P. Cohen.

*House Surgeons in the Ophthalmic and Aural Service.*

(For six months ending July 19, 1915.)

William A. Moncrieff.

(For six months ending January 17, 1916.)

LeRoy D. Whitney.

(For six months beginning January 3, 1916.)

Roger I. Clapp.

*House Physician in the Neurological and Dermatological Service.*

(For four months ending March 1, 1915.)

William A. Green.

*House Physician in the Neurological and Dermatological Service.*

(For four months ending July 5, 1915.)

Harry A. Sacknoff.

*House Physicians in the Neurological and Dermatological Services.*

(For four months ending November 1, 1915.)

Eugene M. Gale.

(For four months beginning November 1, 1915.)

Israel E. Rudman.

*Pathological Senior Internes.*

(For six months ending July 5, 1915.)

Leroy U. Gardner.

(For six months ending January 3, 1916.)

William A. Perkins.

(For six months beginning January 3, 1916.)

Frederic D. Jones.

*Senior Medical Internes.**Senior Surgical Internes.*

(For four months beginning November 1, 1915.)

Joseph H. McGuire.

Samuel Cline.

Harry B. Levine.

William R. Redden.

Marcellus Bronk.

Pierce H. Leavitt.

George W. Bachman.

George A. Murray.

Bernard F. Devine.

*Gynæcological Senior Interne.*

(For four months beginning November 1, 1915.)

Reginald D. Margeson.

*Neurological Interne.*

(For four months beginning November 1, 1915.)

Gordon D. Atkinson.

*Accident Room House Officer.*

(For four months beginning November 1, 1915.)

Howard M. Clute.

*Junior Medical Internes.*

(For four months beginning November 1, 1915.)

John A. Foley.

Nahum R. Pillsbury.

Abraham C. Silverman.

Henry A. Bunker, Jr.

*Junior Surgical Internes.*

Samuel R. Meaker.

Joseph H. Shortell.

Edward M. Hodgkins.

Martin W. Caveney.

*Pathological Junior Interne.*

(For six months beginning January 3, 1916.)

John H. Waite.

*Gynæcological Junior Interne.*

(For four months beginning November 1, 1915.)

Fabyan Packard.

*Aural Junior Interne.*

(For six months beginning January 3, 1916.)

Charles J. C. Gillon.

*Medical Externes.*

(For four months beginning November 1, 1915.)

Guy M. Parkhurst.

Eugene M. Gale.

Max Silverman.

Cassell C. Tucker.

*Surgical Externes.*

John G. Downing.

Edward B. Allen.

Paul Withington.

Carl Bearce.

*Ophthalmic and Aural Externe.*

(For six months beginning January 3, 1916.)

Charles E. Magoun.

*Neurological and Dermatological Externe.*

(For four months beginning November 1, 1915.)

John J. Carroll.

*Gynæcological Surgical Dresser.*

(For four months beginning November 1, 1915.)

John N. Woodside.

## HOSPITAL OFFICERS.

John J. Dowling, M. D., *Superintendent and Medical Director.*Edmund W. Wilson, M. D., *Assistant Superintendent and First Executive.*James W. Manary, M. D., *First Executive Assistant.*Walter T. Garfield, M. D., *Second Executive Assistant.*William F. Dolan, M. D., *Resident Surgeon.*John M. Thompson, M. D., *Third Executive Assistant.*George E. Allen, M. D., *Night Executive Assistant.*F. B. Mallory, M. D., *Pathologist.*S. Burt Wolbach, M. D., *Assistant Pathologist.*George S. Graham, M. D., *Second Assistant Pathologist.*Edgar M. Medlar, M. D., *Research Assistant in Pathology.*Leroy U. Gardner, M. D., *First Assistant in Pathology.*Ward H. Cook, M. D., *Second Assistant in Pathology.*Charles L. Overlander, M. D., *Assistant in Clinical Pathology.*Samuel W. Ellsworth, M. D., *Physician for X-Ray Service.*Paul F. Butler, M. D., *Assistant Physician for X-Ray Service.*John Ferrin, *Chief Apothecary.*Miss Leonie M. Corcoran, *Registrar.*Miss Emma M. Nichols, *Superintendent of Nurses and Matron.*Miss Mary Alice McMahon, *First Assistant Superintendent of Nurses.*Miss Margaret J. Fallon, *Second Assistant Superintendent of Nurses.*Miss Frances E. Morley, *Instructor of Nurses.*Mrs. Anna C. Davie, *Instructor of Probationers.*Miss Della M. Currier, *Night Supervisor of Nurses.*Miss Mary A. Douglass, *Assistant Matron.*

## SOUTH DEPARTMENT.

John J. Dowling, M. D., *Medical Director.*Edwin H. Place, M. D., *Physician-in-Chief.*

Robert B. Hunt, M. D., *Assistant Physician.*

Eli Friedman, M. D., *Assistant Physician.*

James A. Keenan, M. D., *Assistant Physician.*

Miss Ursula C. Noyes, *Assistant Superintendent of Nurses and Matron.*

*House Officers.*

(For four months beginning November 1, 1915.)

Louis F. Salerno.

| Henry B. Elkind.

Joseph M. Lynch.

| Charles W. Bressler.

HAYMARKET SQUARE RELIEF STATION.

William J. Brickley, M. D., *Resident Surgeon.*

Somers Fraser, M. D., *Resident Surgeon.*

Miss Rose F. Moran, *Matron.*

*House Officers.*

(For four months beginning November 1, 1915.)

Carl B. Hudson.

| Edward King.

Bernard L. Plouffe.

EAST BOSTON RELIEF STATION.

Joseph G. Hegarty, M. D., *Resident Surgeon.*

John G. Breslin, M. D., *Resident Surgeon.*

Miss Emma G. Cunningham, *Matron.*

CONVALESCENT HOME.

Miss Elizabeth C. Fairbank, *Matron.*

REPORT OF THE TRUSTEES.

---

BOSTON, February 1, 1916.

HON. JAMES M. CURLEY,

*Mayor of the City of Boston.*

SIR,— In compliance with the ordinances, the Trustees of the Boston City Hospital present the following report of its condition for the year ending January 31, 1916. This is the fifty-second annual report of the Hospital Department, which consists of the main hospital, the South Department for infectious diseases, the Haymarket Square Relief Station, the East Boston Relief Station, the Convalescent Home in Dorchester and the West Department.

The Board of Trustees was organized on May 3, 1915, by the election of Mr. A. Shuman as president and Mr. Joseph P. Manning as secretary.

In April, 1915, Mr. A. Shuman was reappointed a trustee for the term ending April 30, 1920.

## EXPENDITURES.

The entire expenditures for all departments of the hospital for maintenance during the fiscal year were \$725,045.43. Of the amount spent for maintenance, \$469,328.24 was expended upon the hospital proper and its subdivisions; \$32,645.46 on account of the ten Out-Patient Departments; \$153,520.49 on account of the South Department, including the Southampton wards (\$7,147.25); \$120.40 on account of the West Department; \$41,148.46 on account of the Haymarket Square Relief Station; \$18,875.30 on account of the East Boston Relief Station; \$9,407.08 for the Convalescent Home. Of the total amount spent on the Pathological Laboratory, \$18,661.15, \$11,756.53 is included in the hospital proper expenditures, \$186.61



in the Out-Patient Department, \$6,531.40 in the South Department and \$186.61 in the Haymarket Square Relief Station expenditures. Of the total amount spent on the X-Ray Laboratory and Photographic Department, \$16,876.03, \$10,125.62 is charged to the hospital proper and \$6,750.41 to the Out-Patient Department. The total amount spent in determining the settlement of nonpaying patients, \$421.35, is divided evenly between the hospital proper and the South Department.

To the amount expended for the main hospital, \$469,328.24, there should be added the difference in the amount of stock on hand February 1, 1916, which was \$6,370 less than on January 31, 1915, making the total amount properly chargeable as the expenditures for maintenance of the main hospital for the year, \$475,698.24. (See Table No. 1 in the superintendent's report.) This sum was expended for 29,073 weeks' board of patients, at a cost per capita of \$16.36, but if we deduct the money collected for paying patients, interest on trust funds and other income, the net cost to the city per capita per week was \$13.12. The cost of subsistence supplies was \$112,884.65; the total weeks' board for an average of 1,061 persons was 55,340. This gives a cost per person for uncooked food supplies of \$2.04 per week, or \$0.29 $\frac{1}{7}$  per day.

#### PAYING PATIENTS.

During the year there has been collected for the care and treatment of patients of all classes the sum of \$140,340.18, itemized as follows: There was received from the Commonwealth of Massachusetts for the board of patients at the hospital proper, \$30,143.71; at the South Department, \$823; from various cities and towns, for hospital proper, \$20,564.78; collected at the superintendent's office, on account of private room, ward and Out-Patient Department paying patients, \$41,142.93, of which \$6,691.92 was from insurance cases, and \$265.55 from orthopedic appliances; for board of paying

patients at the South Department, \$2,480.45; on account of ward and Out-Patient Department paying patients at the Haymarket Square Relief Station, \$2,110.09, of which \$1,806.74 was from insurance cases; on account of ward and Out-Patient Department paying patients at the East Boston Relief Station, \$1,213.77, \$1,148.58 of this being from insurance cases. There has also been collected for the hospital, by the Board of Health, for the care of infectious cases at the South Department, and paid to the City Collector, the additional sum of \$41,861.45.

The following is a tabular statement of the income from paying patients:

FEBRUARY 1, 1915, TO JANUARY 31, 1916, INCLUSIVE.

	Hospital Proper.	South Department.	Haymarket Square Relief Station.	East Boston Relief Station.	Totals.
Collected at the hospital:					
From the state.....	\$30,143 71	\$823 00	.....	.....	\$30,966 71
From cities and towns.....	20,564 78	.....	.....	.....	20,564 78
From ward and private room patients.....	34,185 46	2,480 45	\$303 35	\$65 19	37,034 45
From insurance cases:					
House cases, including X-ray cases.....	4,159 92	.....	180 74	73 58	4,414 24
Out-patient cases.....	2,532 00	.....	1,626 00	1,075 00	5,233 00
From orthopedic cases.....	265 55	.....	.....	.....	265 55
Totals.....	\$91,851 42	\$3,303 45	\$2,110 09	\$1,213 77	\$98,478 73
Collected by Board of Health for contagious cases.....	.....	41 861 45	.....	.....	41,861 45
Totals.....	\$91,851 42	\$45,164 90	\$2,110 09	\$1,213 77	\$140,340 18

A table showing the revenue received from paying patients, interest on trust funds, sale of old material and other sources, will be found on page 74 of the superintendent's report.

New sources of revenue, X-ray charges, Salvarsan treatment, removal of tonsils and adenoids and issuing of certificates, account for \$6,230.05 of the increase in revenue during the past year. As these charges were started rather late, it is expected to make a much more favorable showing next year.

#### ORTHOPEDIC SHOP.

Since the orthopedic shop was opened on November 21, 1913, 600 patients have been supplied with different kinds of apparatus. During the year ending January 31, 1916, there have been 206 out-patients and one ward patient treated, all of whom have been supplied with suitable apparatus. These 206 out-patients made a total of 432 visits to the shop.

#### SPECIAL TRAINING FOR MALE NURSES.

Dr. James W. Manary, executive assistant, splendidly continued the work so well begun by Dr. F. H. Holt. The nurses graduating have passed the State Board with credit to themselves, the hospital and their teachers.

#### COAL POCKET.

The new coal pocket of reinforced concrete has been completed and is now being operated. It is divided into three compartments and stores 2,500 tons. It is fireproof in every particular and is equipped with the latest and most approved machinery for discharging, weighing and handling coal and discharging ashes. Because of its efficiency, a very considerable saving in wages of employees hitherto necessary will result. It will fill the hospital need for years to come.

#### STORAGE HOUSE.

A contract has been awarded by the trustees for the erection of a fireproof storage house of reinforced concrete in the Albany street yard. It is to be 80 feet long by 40 feet wide, and two stories in height. It is intended that everything which it has been necessary in the past

to store in the various buildings and basements thereof be stored in this building, and thus obviate any fire menace.

#### TRUSTEES' ROOM.

The need of a proper meeting place for the trustees has been felt for years, but the demands for the various departments would never allow of funds sufficient for this purpose. When the matron's office was moved into new quarters and the old office left vacant, the trustees voted to remodel it for a trustees' room. This new trustees' room is mahogany paneled, with a beautiful Tennessee marble fireplace, and furnished in mahogany to conform with its walls.

#### GENERAL OFFICES.

On the resignation of Doctor McCollom, the trustees voted to provide new quarters for the superintendent, as the rooms on the second floor of the Administration Building were sorely needed for the clerical force scattered throughout the hospital.

The superintendent's old quarters were then renovated and linoleum floor coverings laid. The rooms are now converted into offices for matrons, steward, bookkeepers, stenographers and social service workers. Concentrating these offices on one floor has made for much greater efficiency.

#### CLASS ROOMS AND LABORATORIES.

Three new class rooms have been provided for student clinics in the offices under the Administration Building, formerly occupied by the clerical force.

Ward laboratories have been opened under Ward B and the end room in Ward P converted into a laboratory and room in which irrigations and dressings of the Genito-Urinary Service are done. In consequence, Ward P presents a very excellent appearance.

#### ACCOMMODATIONS FOR HOUSE OFFICERS AND NURSES.

The need of new quarters for house officers was more apparent than ever during the past year. The number

of house officers has very materially increased during the past few years, while the rooms provided have remained the same.

The opening of the Lucy L. Drown House for Nurses, named after Miss Lucy L. Drown, for many years Superintendent of Nurses at the hospital, makes more beds available for nurses. The grounds in the rear are to be laid out as a place of recreation for nurses, where tennis, basket ball and croquet may be enjoyed.

#### AMBULANCES.

Two new ambulances have been purchased by the trustees, one of the type now in use by the hospital, and a limousine, which can, in an emergency, be converted into an ambulance. This is also used to convey members of the staff to and from their homes during the night, and to convey patients from the hospital to the Convalescent Home. One of the old auto ambulances has been converted into a truck, and is doing much more rapidly and efficiently the work formerly done by horses.

#### HOUSE OFFICERS' ASSOCIATION.

During the past year the House Officers Association came into being. It meets once a month and discusses matters of interest to the house officers. It has created a spirit of coöperation between the Administration and house officers which has been of mutual benefit to both.

#### SURGICAL DEPARTMENT.

Because of the large number of surgical beds per service and increasing demands on the surgeons, the trustees created one new surgical service, and made the fourth a general surgical service. They are convinced that as a result, the services with fewer patients to care for will have more time to devote to individual cases, and that both patients and hospital will benefit. It is their intention that fifty beds or thereabouts will in the future be assigned to each surgical service.



The staff recommended that four new positions be created, the surgeons appointed thereto to be designated assistants to out-patient surgeons, and this was done. They will assist the out-patient surgeons.

The two house officers in the new services who, following the usual order, would, in their third term of four months, have gone to the Haymarket Square Relief Station, are now assigned to the accident floor.

The position of paid surgical resident has been created, whose chief duties are to examine all patients admitted and discharged, supervise the surgical and accident floors, advise and instruct house officers, and to see that all records are in the record room within the prescribed time.

A new operating room, modern in every respect, has been opened on the surgical floor.

In addition to a very large number of the latest surgical instruments, several new tables and a stereopticon apparatus have been supplied.

#### MEDICAL DEPARTMENT.

The creation of the fourth medical service and making of the third and fourth continuous, has, during the past year, splendidly proven the value of this move, both in the House and Out-Patient Department.

#### GYNÆCOLOGICAL DEPARTMENT.

The work of this department has never been conducted with greater satisfaction to the trustees than during the past year. It is expected, in the near future, to establish a ward for obstetrical cases, where the care of these cases may be undertaken with a greater degree of satisfaction than is at present possible.

#### NEUROLOGICAL DEPARTMENT.

No changes were made in the personnel of the Neurological Department. It has been maintained at its usual

high standard, and has made even more manifest the value of a neurological department in a general hospital.

### X-RAY DEPARTMENT.

It is expected that the suggestions made for the further extension of the work of this department will be carried into effect in the near future. The demands on this department by the various services have increased to such a degree, that, to maintain the present degree of efficiency, various changes must be made in the arrangement of the rooms, and some new equipment purchased.

The various activities of the X-Ray Department have been carried on with the same degree of satisfaction as in the past.

The following table shows the increase of the work since 1909:

	1909.	1915.
Total number of patients examined.....	3,728	10,439
Total number of negatives taken.....	6,057	19,174
Total attendance of patients.....	6,158	13,534
Number of photographs.....	166	62
Number of radium and X-ray treatments.....	2,042	2,756
Number of fluoroscopic examinations.....	388	423
Number of bismuth examinations of gastro-intestinal tract.....		439

### DEPARTMENT FOR VACCINE AND SERUM THERAPY.

The work of this department has been carried on with painstaking assiduity.

The total number of patients receiving bacterial vaccines was 564; number of visits to this clinic, 5,016; number of vaccine inoculations, 2,675. The total number of patients under anti-syphilitic treatment was 547. Number of cases of syphilis of the central nervous system treated by intradural injection of Salvarsanized serum or under observation, 127. The total number of visits for this treatment (exclusive of visits for Salvarsan injection) was 664. The number of Salvarsan injections was 996; mercury injections, 358; blood taken for



Wassermann and Schwartz tests, 708. Total number of recorded cases under observation and treatment, 1,238.

#### PATHOLOGICAL LABORATORY.

The work in the laboratory has progressed most favorably during the past year. This is particularly true of the post-mortem examinations, which numbered 171, the most we have had since 1909. This means that we obtained autopsies on 9.8 per cent of all cases that died in the hospital.

The chief research work of the year has been the investigation of the cause of scarlet fever. Although the special laboratory built for this purpose in the South Department was not opened until November 8, we had been studying the subject since July 1. In a very limited number of acute cases we have obtained lesions similar to those caused by the diphtheria bacillus, but less intense, and caused by a bacillus which is often present in very large numbers. Cultures of a bacillus which seems to be the cause of the lesions have been obtained from a limited number of cases, and the organism found is being studied at the present time.

During the latter part of the year, a series of clinical pathological conferences was organized, with the coöperation of one of the medical services, and these exercises have proved very stimulating to all concerned.

The utilization of the laboratory as a teaching institution is a constant source of stimulus to the staff, while it secures to the student the use of an abundant supply of material for the study of pathology.

#### WORK OF THE PATHOLOGICAL LABORATORY FOR THE YEAR.

Autopsies . . . . .	171
Surgical diagnoses . . . . .	2,425
Bacillus diphtheria (South Department). . . . .	20,829
Autopsy bacteriology . . . . .	128
Clinical bacteriology . . . . .	1,876
Wassermann reactions . . . . .	5,489
Blood cultures . . . . .	391

## OUT-PATIENT DEPARTMENT.

The Out-Patient Department statistics may be found on pages 36, 38 and 41 in the superintendent's report.

The number of patients treated in the Out-Patient Department during the past year has been 39,351. The number of visits was 143,398.

## SOUTH DEPARTMENT.

The expenditure of this department, including Southampton wards, has been \$153,520.49. If from this is deducted the difference in the amount of stock on hand at the beginning and close of the year, which was \$2,437 more at the end of the year, it would give \$151,083.49 as the amount properly chargeable to maintenance. This sum was expended upon 3,331 patients, and, divided by 14,423 weeks' board, gives \$10.48 as the per capita cost per week; but if we deduct the money collected for paying patients and other income (for detail of revenue see table on page 74), the net cost to the city per capita per week was \$7.34. The cost of subsistence supplies was \$40,526.73. The total weeks' board for an average of 429 persons was 22,361. This gives a cost per person for uncooked food supplies of \$1.81 per week, or 25 $\frac{1}{7}$  cents per day. This very small average cost is explained by the fact that 83 per cent of the patients are children. The expenditures of this department are kept on the same general plan as those of the hospital proper.

During the twenty-one years that the department has been in operation, 51,329 patients have been received, nearly all ill with an infectious disease.

The following are extracts from the report of the Advisory Board of the South Department, which may be of interest:

Splendid lavatories have been installed in the corridors of the east and west pavilions, with faucets operated by elbow valves allowing frequent, easy and efficient washing of the hands. This is perhaps one of the most important needs of a contagious hospital. Gown rooms for physicians have been equipped with

the same type of lavatories so that visiting physicians and others have a modern and safe way of cleansing their hands and leaving the wards free of contagion.

The new sterilizing apparatus has been in constant use and has proved very convenient. Clothes of all kinds can be sterilized by steam or formaldehyde or both under pressure in the most convenient and efficient manner now known.

The reorganized laundry secures one improvement for contagious work, namely, that no infected clothing is now taken into the laundry itself. The most modern machinery has been installed; all gas-heated machines are replaced by electrically heated ones and all drives are direct from individual motors.

One of the most essential changes for prevention of so-called cross infection is an isolation ward to which doubtful and mixed cases can be sent and surrounded by technical precautions which cannot at present be applied.

The very gratifying results obtained at the South Department accounts for the constantly increasing number of patients. So great has been the demand for beds that the trustees felt compelled to continue the use of the Board of Health hospital on Southampton street during the first six months. Until the West Department, now in process of construction, is completed, it seems probable that its use at times will have to be resorted to.

A new laboratory for scarlet fever research work has been established in the basement of the laundry building, South Department. The trustees have extensively remodeled the rooms necessary for the work and have fully equipped the laboratory for the purpose intended.

The investigation is now being carried on by Dr. F. B. Mallory, assisted by Dr. Edgar M. Medlar, research assistant in pathology. In consequence of this special work, the trustees employed George S. Graham, M. D., as second assistant pathologist, to fill Doctor Medlar's place in the pathological laboratory.

Extensive alterations were made in the various South Department buildings during the year. The additions to the kitchen and bakery are now completed. The kitchen is very light and sanitary and is equipped with the most modern kitchen equipment.

The laundry has been thoroughly remodeled and is a model contagious hospital laundry, all of the machines being driven by electric motors.

The new quarters for men and women employees are completed and in use.

The various buildings have been painted and new lavatories and modern plumbing installed. The brick walls surrounding the South Department were taken down and straightened.

#### HAYMARKET SQUARE RELIEF STATION.

This Relief Station has been in commission fourteen years. In these fourteen years, 490,194 patients have been treated. The number of patients treated during the first year was 20,150, and during the present year 33,907, a very great increase. These patients received 35,891 days' treatment, at an average cost of \$1.16 per day.

#### EAST BOSTON RELIEF STATION.

In the seven years that the East Boston Relief Station has been in operation 99,110 patients have been treated. For the year ending January 31, 1916, 13,664 patients were treated. These patients received 36,977 days' treatment, at an average cost of 51 cents per day, as against 54 cents for the year 1914-15.

#### CONVALESCENT HOME.

The number of patients treated during the year was 371, who received 7,552 days' treatment, at an average daily cost of \$1.23 $\frac{6}{7}$ .

#### CHANGES IN RULES.

The Pathologist was made a member of the Medical and Surgical Staff, and the Physician for Infectious Diseases a member of the Senior Staff.

A Fifth Surgical Service was established in conformity with other existing surgical services. Substantially fifty beds was made the unit for all surgical services. The nomenclature in the Surgical Services was changed, the fourth, fifth and sixth Third Assistant Visiting Surgeons being named Surgeons to Out-Patients; and

four permanent staff positions for Assistants to the Out-Patient Surgeons were created. Arrangements were made so that two surgeons are on duty in the male surgical, and two in the female surgical Out-Patient Department, during the hours of service. The same number of House Officer positions were created for the Genito-Urinary Surgical Service as exist in the other surgical services.

Rules were made for the Department of Vaccine and Serum Therapy. The positions of Senior Physician and Junior Physician for Vaccine and Serum Therapy were abolished, and those of Consultant in Vaccine and Serum Therapy and Assistant in Vaccine and Serum Therapy were created.

The senior surgeons and physicians were given the privilege of not more than six beds, all authority in management and conduct of service being vested in the visiting surgeon or physician on duty in each department.

The duty of revising the diagnosis and signing the record of each patient within a week following his discharge was assigned to the physician or surgeon in charge of the service treating the case.

The following rule became effective: That the heads of the third and fourth medical services be appointed by the trustees only after an invitation for a conference with the Tufts and Harvard corporations, respectively, upon such appointment.

The position of resident surgeon for the surgical floor was created.

The rule concerning removal of deceased patients from the hospital was modified so that friends of the deceased shall call and arrange for the removal.

#### MEDICAL AND SURGICAL STAFF.

The following are the changes in the Medical and Surgical Staff during the year just closed:

In June, 1915, John Hildreth McCollom, M. D., Con-



sultant in Contagious Diseases, former Superintendent and Medical Director of the hospital, and Professor Emeritus of Contagious Diseases at Harvard Medical School, died very suddenly at his home. His hospital service had been long and distinguished. As Resident Physician at the South Department, and later as Superintendent and Medical Director of the hospital, he did much for the upbuilding of the hospital by his efficient and conscientious direction, but his greatest service to humanity was the use of antitoxin in the treatment of diphtheria. He increased the doses of antitoxin from 3,000 to 50,000 units, so saving many lives and preventing much suffering. This service alone makes him a great medical benefactor and will stand a lasting memorial to him whose memory is ever warmly cherished by all who knew him.

David W. Cheever, M. D., Surgeon Emeritus, died on December 27. The trustees passed the following resolutions on his death:

It is with a keen sense of personal loss as well as profound sorrow that we learn of the death of our friend, Dr. David Williams Cheever, Surgeon Emeritus of the Boston City Hospital.

The close of a long and useful life has come and the last of the original surgical staff of the hospital has passed to his rest. For more than half a century he was a leader in the medical profession. He kept in touch with the growth of the hospital from its opening, when he was first appointed surgeon, up to the present time, and was the prime factor in giving it distinction in its surgical work. During his long career he was foremost in the ranks of those who have made wonderful advancement in surgery, and many of his writings are deemed an authority and of permanent value in this field of work.

A wise counsellor, a public-spirited citizen, a beloved physician, eminent in his profession, a lover of humanity, happy in doing good, the world has been benefited by his being in it, and he will be greatly missed by all who had the pleasure of a close relationship with him, and who profited by his judgment and advice.

To his beloved wife, who has traveled life's journey with him for so many years, we tender our heartfelt sympathy. We feel that she will derive great comfort and consolation from the memory of their long and happy life together, and of the great good he has done in the world by alleviating the suffering of the sick and afflicted. His devotion to her and his love for his children will ever be uppermost in her mind, and will help to heal the wound his death has made.

To his children we extend our condolence on the loss of a loving father whose example is worthy of their emulation.

A copy of this expression of our deep regret at the loss of Doctor Cheever we will forward to his bereaved family, and will place it in our records, that it may be read by all who come after us.

Francis H. Williams, M. D., resigned as Physician for X-Ray Service, to the very deep regret of the trustees.

George L. Tobey, M. D., Assistant Surgeon for Diseases of Ear and Throat; Thomas Ordway, M. D., Second Assistant Visiting Physician; John J. Hurley, M. D., Assistant Surgeon for Diseases of Ear and Throat; James L. Huntington, M. D., Third Assistant Visiting Surgeon for Diseases of Women; A. Warren Stearns, M. D., Second Assistant Visiting Physician for Diseases of Women, have resigned their positions.

The following appointments have been made: Lincoln F. Sise, M. D., Anæsthetist; James P. O'Hare, M. D., Harold Bowditch, M. D., and Martin J. English, M. D., Second Assistant Visiting Physicians; Edwin H. Place, M. D., Physician for Infectious Diseases; Robert J. Kissock, M. D., Assistant Surgeon for Diseases of Ear and Throat; George P. Sanborn, M. D., Consultant in Vaccine and Serum Therapy; Paul F. Butler, M. D.; Assistant Physician for X-Ray Service.

The following temporary appointments have been made: For the position of Assistant Surgeon for Diseases of Ear and Throat, W. G. Funnell, M. D., for six months beginning May 21, 1915; for the position of Fourth Assistant Visiting Surgeon for six months begin-



ning June 4, 1915, James J. Hepburn, M. D., Francis H. Henderson, M. D., Harold G. Giddings, M. D.

The following promotions have been made: From the position of First Assistant Visiting Physician to that of Visiting Physician, William H. Robey, Jr., M. D., Ralph C. Larrabee, M. D., Franklin W. White, M. D.; from the position of Second Assistant Visiting Physician to that of First Assistant Visiting Physician, Edwin A. Locke, M. D., Edward N. Libby, M. D., Francis W. Palfrey, M. D.; from the position of Fourth Assistant Visiting Surgeon for Diseases of Women to that of Third Assistant Visiting Surgeon for Diseases for Women, Frederick L. Good, M. D.; from the position of Assistant Physician for X-Ray Service to that of Physician for X-Ray Service, Samuel W. Ellsworth, M. D.

#### GIFTS.

Dr. David W. Cheever presented \$500 to increase to \$3,500 the endowment fund which he had previously given the hospital for the purpose of supplying surgical pocket cases to graduating house surgeons.

Mr. Shuman presented an American flag for the East Boston Relief Station and one for the Convalescent Home. He also gave six framed pictures for the Board Room.

A rug for the Board Room was presented by Mr. Forsyth.

Dr. Francis H. Williams gave three framed sepia reproductions to the X-Ray Department.

Dr. Morton Prince presented a static machine to the Department for Diseases of the Nervous System.

The pupils of the Rice School, through Miss Margaret A. Nichols, sent a gift of valentines to the children in the hospital.

Oranges, given by the United Fruit Company, were distributed to the patients on California Fruit Day.

The trustees desire to extend their thanks and appreciation to his Honor the Mayor and the City Council

for their continued interest and substantial aid to the hospital; to the members of the Medical and Surgical Staff for their skillful and unwearied efforts for the healing of the sick and afflicted; to the Superintendent and his assistant executives for their faithful and efficient administration, and to all employees, who have, by conscientious performance of their duties, contributed to the welfare of the institution and the patients.

Respectfully submitted,

A. SHUMAN, *President.*

JOSEPH P. MANNING, *Secretary.*

CONRAD J. RUETER.

FRANCIS J. KEANY.

THOMAS A. FORSYTH.

## REPORT OF THE SUPERINTENDENT AND MEDICAL DIRECTOR.

BOSTON CITY HOSPITAL, February 1, 1916.

*To the Trustees:*

GENTLEMEN,— I have the honor to present herewith the annual report of the Hospital Department for the year ending January 31, 1916.

On June 1, 1864, the Boston City Hospital was opened for the admission of patients. Since that time the number of house patients treated in the different departments has been 409,330 and the number of out-patients 1,615,605. The table on page 38 shows the number of patients who have applied for admission and been treated in the hospital proper and the South Department during the last ten years. The principal statistics for the year are shown on pages 40 and 41. The other tables are self-explanatory.

Patients admitted to the hospital according to services:

Medical services . . . . .	6,408
Surgical services . . . . .	5,009
Gynæcological service . . . . .	1,587
Ophthalmic service . . . . .	133
Aural and laryngological service . . . . .	1,498
Neurological service . . . . .	736
Dermatological service . . . . .	97
	<hr/>
Total . . . . .	<u>15,468</u>

Number of visits of patients to the hospital for advice and treatment in the Out-Patient Departments:

Medical diseases . . . . .	15,393
Surgical diseases . . . . .	87,822
	<hr/>
<i>Carried forward</i> . . . . .	103,215

<i>Brought forward</i> . . . . .	103,215
Diseases of the eye . . . . .	5,875
Diseases of the ear and throat . . . . .	11,274
Diseases of the skin . . . . .	5,188
Diseases of women . . . . .	4,251
Diseases of the nervous system . . . . .	9,082
X-Ray and radium treatment . . . . .	2,756
Vaccine and serum inoculation:	
Visits of out-patients . . . . .	4,569
Visits of nurses and house officers for inoculation against typhoid fever . . . . .	447
	<hr/> 5,016
Bone and joint diseases . . . . .	432
Surgical out-patients treated in the accident rooms and not included elsewhere . . . . .	1,310
	<hr/>
Total . . . . .	148,399
Less visits counted more than once:	
In Vaccine and Serum Therapy Department, . . . . .	4,569
In Orthopedic shop . . . . .	432
	<hr/>
	5,001
	<hr/>
Total visits . . . . .	<u><u>143,398</u></u>

TABLE OF ADMISSIONS AND DEATHS FROM FEBRUARY 1, 1906, TO JANUARY 31, 1916.  
*Hospital Proper and South Department.*

	Patients Examined for Ad- mission.	Patients Admitted.	Patients Acciden- tally Injured.	Number of Out- Patients Treated.	Number of Patients in Hospital at Beginning of Year.	Number of Patients Treated.	Died.	Rate of Mortality.
February 1, 1906, to January 31, 1907.....	14,943	11,679	704	37,938	673	12,352	1,332	.108
February 1, 1907, to January 31, 1908.....	15,227	11,751	853	40,246	734	12,485	1,406	.113
February 1, 1908, to January 31, 1909.....	17,741	12,403	898	42,310	758	13,161	1,401	.106
February 1, 1909, to January 31, 1910.....	15,397	11,674	928	39,482	828	12,502	1,327	.106
February 1, 1910, to January 31, 1911.....	16,261	13,074	1,075	40,032	785	13,859	1,483	.107
February 1, 1911, to January 31, 1912.....	15,747	13,033	1,232	38,129	744	13,777	1,611	.117
February 1, 1912, to January 31, 1913.....	17,557	14,236	1,420	42,309	779	15,015	1,609	.107
February 1, 1913, to January 31, 1914.....	19,115	15,237	1,362	47,385	933	16,170	1,696	.105
February 1, 1914, to January 31, 1915.....	20,222	16,498	1,410	43,891	893	17,391	1,671	.096
February 1, 1915, to January 31, 1916.....	22,449	18,456	1,508	39,351	949	19,405	1,760	.091

The total number of patients admitted to the wards since the opening of the hospital and South Department has been 383,506 and the number of out-patients has been 1,042,633.

## HOSPITAL PROPER.

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 APPLICANTS EXAMINED FOR ADMISSION DURING THE  
YEAR.

YEAR.	Month.	Number Examined.	Number Admitted.	Number not Admitted.
1915.	February.....	1,512	1,196	316
	March.....	1,692	1,339	353
	April.....	1,633	1,349	284
	May.....	1,556	1,296	260
	June.....	1,507	1,225	282
	July.....	1,472	1,198	274
	August.....	1,552	1,327	225
	September.....	1,468	1,255	213
	October.....	1,511	1,239	272
	November.....	1,445	1,176	269
	December.....	1,613	1,318	295
1916.	January.....	1,871	1,550	321
	Totals.....	18,832	15,468	3,364



## HOSPITAL PROPER.

## PRINCIPAL STATISTICS, 1915-16.

*Number of Patients.*

Number of patients remaining in the hospital proper	
January 31, 1915 . . . . .	606
Admitted from February 1, 1915, to January 31, 1916, inclusive:	
Medical . . . . .	6,408
Surgical . . . . .	5,009
Gynæcological . . . . .	1,587
Ophthalmic . . . . .	133
Aural and laryngological . . . . .	1,498
Neurological . . . . .	736
Dermatological . . . . .	97
	<hr/> 15,468
Treated during the year . . . . .	16,074
Discharged during the year . . . . .	13,898
Died during the year . . . . .	1,580
	<hr/> 15,478
Number of patients remaining in the hospital proper	
January 31, 1916 . . . . .	596
Largest number of patients in the hospital at any one time . . . . .	662
Smallest number of patients in the hospital at any one time . . . . .	428
Daily average number of patients . . . . .	557.6
Average number of days' stay of patients . . . . .	12.66
Number of weeks' treatment given in hospital . . . . .	29,073
Number of days' treatment given in hospital . . . . .	203,509
Number of applicants for admission to hospital . . . . .	18,832
Number of applicants rejected . . . . .	3,364
Number of patients treated in Out-Patient Departments . . . . .	39,351

Number of visits made by out-patients . . . . .	143,398
Patients carried in ambulances . . . . .	5,678
Number of patients accidentally injured, admitted . . . . .	1,508

Number of out-patients treated in the Out-Patient Departments, classified according to diseases:

For medical diseases . . . . .	7,063
For surgical diseases . . . . .	18,325
For diseases of the eye . . . . .	2,873
For diseases of the ear and throat . . . . .	5,028
For diseases of the skin . . . . .	2,159
For diseases of women . . . . .	1,410
For diseases of the nervous system . . . . .	870
For X-ray and radium treatment . . . . .	140
For vaccine and serum inoculation:	
Out-patients treated . . . . .	1,111
Nurses and house officers inoculated against typhoid fever . . . . .	173
	<hr/> 1,284
For bone and joint diseases . . . . .	206
Surgical out-patients treated in the accident rooms and not included elsewhere . . . . .	1,310
	<hr/>
Total . . . . .	40,668
Less patients counted more than once:	
In Vaccine and Serum Therapy Department . . . . .	1,111
In Orthopedic Shop . . . . .	206
	<hr/> 1,317
Total number of out-patients treated . . . . .	<u><u>39,351</u></u>

#### PRESENT CAPACITY OF THE HOSPITAL DEPARTMENTS.

The schedule of beds is as follows:

Hospital proper . . . . .	680
South Department . . . . .	340
Haymarket Square Relief Station . . . . .	24
East Boston Relief Station . . . . .	10
Convalescent Home . . . . .	34
	<hr/>
	<u><u>1,088</u></u>

The distribution of the beds in the Main Department is as follows:

	WARD.			PRIVATE.		Totals.
	Males.	Females.	Children.	Males.	Females.	
Surgical.....	152	74	30	9	9	274
Medical.....	129	89	16	8	7	249
Gynæcological and obstet- rical.....		77	20		3	100
Aural and laryngological.....	5	5	4			14
Ophthalmic.....	5	4				9
Neurological.....	15	11				26
Dermatological.....	4	4				8
Totals.....	310	264	70	17	19	680

### STATISTICS OF PATIENTS ACCORDING TO SERVICES.

*February 1, 1915, to January 31, 1916, Inclusive.*

SERVICES.	In Hospital February 1, 1915.	Admitted.	Discharged.	Died.	Total Discharged and Died.	In Hospital February 1, 1916.
First Surgical.....	82	1,660	1,544	131	1,675	67
Second Surgical.....	78	1,901	1,756	157	1,913	66
Third Surgical.....	75	2,009	1,862	154	2,016	68
Fourth Surgical.....	20	335	297	43	340	15
Fifth Surgical.....		503	403	31	434	69
First Medical.....	59	1,072	890	194	1,084	47
Second Medical.....	55	1,355	1,148	211	1,359	51
Third Medical.....	54	1,429	1,194	240	1,434	49
Fourth Medical.....	54	1,153	985	176	1,161	46
Gynæcological.....	67	1,587	1,494	95	1,589	65
Ophthalmic.....	9	133	135	1	136	6
Aural and laryngological.....	22	1,498	1,481	18	1,499	21
Neurological.....	22	736	611	125	736	22
Dermatological.....	9	97	98	4	102	4
Totals.....	606	15,468	13,898	1,580	15,478	596

## RECEIPTS AND EXPENDITURES.

*Receipts.*

Balance from 1914-15 . . . . .	\$12,305 37
City appropriation . . . . .	717,080 00
Interest on trust funds . . . . .	2,156 22
Refund, overcharge on freight . . . . .	2 48
	<hr/>
	\$731,544 07

## Deduct:

Amount transferred to Police Department . . . . .	\$5,802 89	
Balance returned to city treasury, . . . . .	695 75	
	<hr/>	6,498 64
		<hr/>
		\$725,045 43

*Expenditures.*

Main Hospital and its subdivisions, exclusive of	
Out-Patient Department . . . . .	\$469,328 24
Out-Patient Department . . . . .	32,645 46
South Department, including Southampton Wards	
(\$7,147.25) . . . . .	153,520 49
West Department . . . . .	120 40
Haymarket Square Relief Station . . . . .	41,148 46
East Boston Relief Station . . . . .	18,875 30
Convalescent Home . . . . .	9,407 08
	<hr/>
	\$725,045 43

## APPLICANTS NOT ADMITTED DURING THE YEAR.

*February 1, 1915, to January 31, 1916, Inclusive.**Cause of rejection:*

For want of accommodation . . . . .	160
For want of accommodation, but admitted within three days . . . . .	21
Self-rejected or deferred . . . . .	924
Self-rejected or deferred, but admitted within three days . . . . .	104
Self-rejected or deferred, but admitted later . . . . .	29
For want of sufficient information . . . . .	375
	<hr/>
<i>Carried forward</i> . . . . .	1,613

<i>Brought forward</i> . . . . .	1,613
For want of sufficient information, but admitted within three days . . . . .	221
For want of sufficient information, but admitted later . . . . .	7
Referred to Out-Patient Departments . . . . .	976
Referred to South Department . . . . .	17
Nonresident . . . . .	388
Chronic . . . . .	216
Pulmonary tuberculosis . . . . .	60
Delirium tremens . . . . .	46
Venereal . . . . .	51
Pregnancy . . . . .	44
Insane . . . . .	30
Miscellaneous . . . . .	77
<hr/>	
Total . . . . .	3,746
Admitted within three days or later . . . . .	382
<hr/>	
Total not admitted . . . . .	<u>3,364</u>

## RECORD OF AMBULANCE WORK.

*Transportation to the Hospital.**Trips to:*

Business center . . . . .	196
North End . . . . .	237
West End . . . . .	343
Back Bay . . . . .	141
South End . . . . .	964
Roxbury . . . . .	981
West Roxbury . . . . .	97
Dorchester . . . . .	537
South Boston . . . . .	623
East Boston . . . . .	382
Charlestown . . . . .	357
Jamaica Plain . . . . .	125
Brighton . . . . .	124
Roslindale . . . . .	66
Hyde Park . . . . .	69
South Department . . . . .	36
<hr/>	
Total trips in . . . . .	5,278
Did not come . . . . .	146
<hr/>	
Patients brought . . . . .	<u>5,132</u>

RECORD OF AMBULANCE WORK.—*Concluded.**Transportation from the Hospital.*

Convalescent Home . . . . .	91
Patients' homes . . . . .	60
Other hospitals . . . . .	137
<hr/>	
Trips out . . . . .	288
Carried extra . . . . .	258
<hr/>	
Patients carried . . . . .	<u>546</u>

*Summaries.*

Total number of trips . . . . .	5,566
Total patients transferred . . . . .	<u>5,678</u>

*Record of Coupé Trips for Surgeons and Physicians.**In bringing:*

The physician . . . . .	52
The surgeon . . . . .	159
<hr/>	
Total trips . . . . .	<u>211</u>

Number of miles the ambulances have run, as shown by  
odometer count, in all departments . . . . . 46,035

## AMBULANCE.

*Per Capita Cost of Transportation for the Years 1909,  
1910, 1911, 1912, 1913, 1914.*

	Expenditures.	Number of Miles.	Cost per Patient.	Cost per Mile.
Year ending January 31, 1910.....	\$12,637 32	27,754	\$1.911	\$0.455
Year ending January 31, 1911.....	12,647 80	32,064	1.560	.394
Year ending January 31, 1912.....	13,674 95	32,912	1.615	.416
Year ending January 31, 1913.....	14,316 72	35,515	1.544	.403
Year ending January 31, 1914.....	16,349 23	39,589	1.637	.413
Year ending January 31, 1915.....	20,068 06	43,734	1.919	.459



## CENSUS OF DAYS' BOARD OF ALL PERSONS.

*February 1, 1915, to January 31, 1916, Inclusive.*

	Patients.	Officers and Employees.	Total Days' Board.
Hospital proper.....	203,509	183,869	387,378
South Department.....	100,963	55,569	156,532
Haymarket Square Relief Station.....	2,821	14,353	17,174
East Boston Relief Station.....	989	5,046	6,035
Convalescent Home.....	7,552	3,002	10,554
Totals.....	315,834	261,839	577,673

## DAILY AVERAGE OF PERSONS.

	Patients.	Officers and Employees.	Total Days' Board.
Hospital proper.....	557.6	503.7	1,061.3
South Department.....	276.6	152.3	428.9
Haymarket Square Relief Station.....	7.7	39.4	47.1
East Boston Relief Station.....	2.7	13.8	16.5
Convalescent Home.....	20.7	8.2	28.9
Totals.....	865.3	717.4	1,582.7

	Hospital Proper.	South Department.	Haymarket Square Relief Station.	East Boston Relief Station.	Convalescent Home.	All Departments.
Maximum number of days' board of persons.....	1,189	588	56	22	44	1,837
Minimum number of days' board of persons.....	898	241	41	13	17	1,265

## HOSPITAL PROPER.

## NATIVITY OF PATIENTS ADMITTED DURING THE YEAR.

Boston.....	4,879	<i>Brought forward...</i>	14,303
Other cities and towns in Massachusetts....	1,372	Holland .....	12
Maine.....	367	Roumania .....	11
New Hampshire.....	188	Cape Verde Islands...	11
Vermont.....	96	Hungary.....	9
Rhode Island.....	96	India.....	8
Connecticut.....	96	Switzerland.....	8
Other states.....	764	Spain.....	7
Ireland.....	2,171	Mexico.....	6
British Provinces .....	1,259	Japan .....	5
Russia.....	969	Australia.....	5
Italy.....	706	Azores Islands.....	4
England.....	357	Wales .....	4
Germany .....	156	Albania.....	4
Sweden.....	150	Servia.....	4
Scotland.....	133	South America.....	3
Austria.....	88	At sea.....	2
Greece.....	79	South Africa .....	2
Poland.....	63	Sicily.....	1
Norway.....	53	Panama .....	1
West Indies.....	47	Prussia.....	1
Turkey.....	35	Macedonia.....	1
Syria.....	32	Palestine.....	1
Portugal.....	28	Bulgaria.....	1
Finland.....	23	Labrador .....	1
France.....	22	Lithuania.....	1
Armenia.....	20	Egypt.....	1
Denmark .....	20	Jerusalem.....	1
Belgium .....	18	Hurricane Islands....	1
China .....	16	Unknown.....	1,049
<i>Carried forward...</i>	14,303	Total.....	<u>15,468</u>

CONDITION OF PATIENTS DISCHARGED DURING  
THE YEAR.

Well .....	1,812	<i>Brought forward...</i>	13,846
Relieved.....	10,812	Not treated.....	52
Not relieved.....	1,222	Died.....	1,580
<i>Carried forward...</i>	13,846	Total.....	<u>15,478</u>

## SOUTH DEPARTMENT.

## APPLICANTS EXAMINED FOR ADMISSION DURING THE YEAR.

YEAR.	Month.	Number Examined.	Number Admitted.	Number not Admitted.
1915.	February.....	335	280	55
	March.....	399	327	72
	April.....	419	334	85
	May.....	460	382	78
	June.....	364	310	54
	July.....	250	207	43
	August.....	206	158	48
	September.....	175	141	34
	October.....	207	167	40
	November.....	242	201	41
	December.....	254	220	34
1916.	January.....	306	261	45
	Totals.....	3,617	2,988	629

## APPLICANTS NOT ADMITTED DURING THE YEAR.

*February 1, 1915, to January 31, 1916, Inclusive.*

CAUSE OF REJECTION.	1915. February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	1916. January.	Totals.
Nonresident.....	3	1	4	2	...	5	1	...	...	...	...	...	16
Self-rejected.....	18	8	15	17	5	2	3	3	7	3	6	3	90
No infectious disease.....	30	57	44	47	36	30	30	31	32	36	24	27	424
Want of accommodation *.....	1	1	19	5	10	4	9	...	1	...	...	9	59
Parotitis †.....	...	2	...	...	...	...	...	...	...	...	...	2	4
Pertussis †.....	1	...	...	...	...	...	5	...	...	...	...	...	6
Rubella †.....	1	2	3	4	2	1	...	...	...	...	3	1	17
Varicella †.....	1	1	...	3	1	1	...	...	...	2	1	3	13
Totals.....	55	72	85	78	54	43	48	34	40	41	34	45	629

\* Scarlet fever, 10; measles, 48; pertussis, 1.

† No wards for these diseases. (Ward for pertussis opened October 1, 1916.)

# RECORD OF AMBULANCE WORK IN BRINGING PATIENTS TO SOUTH DEPARTMENT.

## *Trips to:*

Business center . . . . .	4
North End . . . . .	108
West End . . . . .	287
Back Bay . . . . .	42
South End . . . . .	400
Roxbury . . . . .	532
West Roxbury . . . . .	41
South Boston . . . . .	243
East Boston . . . . .	310
Charlestown . . . . .	125
Dorchester . . . . .	252
Jamaica Plain . . . . .	91
Brighton . . . . .	62
Hyde Park . . . . .	39
Suburban towns . . . . .	1
<hr/>	
Total trips in . . . . .	2,537
Brought extra . . . . .	209
<hr/>	
	2,746
Did not come . . . . .	160
<hr/>	
Patients brought . . . . .	<u>2,586</u>

# NATIVITY OF PATIENTS ADMITTED TO THE SOUTH DEPARTMENT DURING THE YEAR.

Boston.....	2,017	<i>Brought forward...</i>	2,709
Other cities and towns		Ireland.....	41
in Massachusetts....	318	Italy.....	40
Maine.....	39	England.....	36
New Hampshire.....	18	Scotland.....	6
Vermont.....	12	Switzerland.....	4
Rhode Island.....	11	Germany.....	4
Connecticut.....	17	Belgium.....	3
Other states.....	107	Denmark.....	3
British Provinces.....	111	Sweden.....	3
Russia.....	59	France.....	2
<hr/>		<hr/>	
<i>Carried forward...</i>	2,709	<i>* Carried forward...</i>	2,851

<i>Brought forward</i> . . .	2,851	<i>Brought forward</i> . . .	2,863
Norway . . . . .	2	Australia . . . . .	1
Greece . . . . .	2	Turkey . . . . .	1
Poland . . . . .	2	Palestine . . . . .	1
Finland . . . . .	2	Syria . . . . .	1
West Indies . . . . .	2	Unknown . . . . .	121
Holland . . . . .	1		
Austria . . . . .	1	Total . . . . .	<u>2,988</u>
<i>Carried forward</i> . . .	<u>2,863</u>		

CONDITION OF PATIENTS DISCHARGED FROM THE SOUTH  
DEPARTMENT DURING THE YEAR.

Well . . . . .	2,767	<i>Brought forward</i> . . .	2,812
Relieved . . . . .	33	Died . . . . .	180
Not relieved . . . . .	12		
	<u>      </u>	Total . . . . .	<u>2,992</u>
<i>Carried forward</i> . . .	<u>2,812</u>		

From a preceding table it will be noticed that at the South Department ninety-nine patients have been refused admission for lack of room.

The following are the principal statistics for the year:

Number of patients remaining in the South Department January 31, 1915 . . . . .	343
Admitted from February 1, 1915, to January 31, 1916, inclusive . . . . .	<u>2,988</u>
Treated during the year . . . . .	3,331
Discharged during the year . . . . .	2,812
Died during the year . . . . .	180
	<u>2,992</u>
Number of patients remaining January 31, 1916 . . . . .	339
Maximum number of patients at any one time . . . . .	418
Minimum number of patients at any one time . . . . .	113
Daily average number of patients . . . . .	276.6
Average number of days' stay of patients . . . . .	30.31
Number of days' treatment given patients . . . . .	100,963
Number of weeks' treatment given patients . . . . .	14,423



Number of days' board given persons . . . . .	156,532
Number of weeks' board given persons . . . . .	22,361
Number of applicants for admission . . . . .	3,617
Number of patients rejected . . . . .	629
Patients carried in ambulances . . . . .	2,586
Number of patients admitted over fifteen years of age,	498
Number of patients dying within forty-eight hours of	
admission . . . . .	68
Average age of patients . . . . .	8.9
Percentage of deaths to discharges . . . . .	6.0
The death rate from all diseases . . . . .	5.4
The death rate from all diseases, deducting deaths	
within twenty-four hours of admission . . . . .	3.9

Total expenditures, including Southampton Wards

(\$7,147.25) . . . . . \$153,520 49

Average weekly cost per patient . . . . . 10 48

If a comparison is made between the South Department and the hospital proper as to the number of days' board given patients, it will be found that at the former it is 100,963, while at the latter it is 203,509.

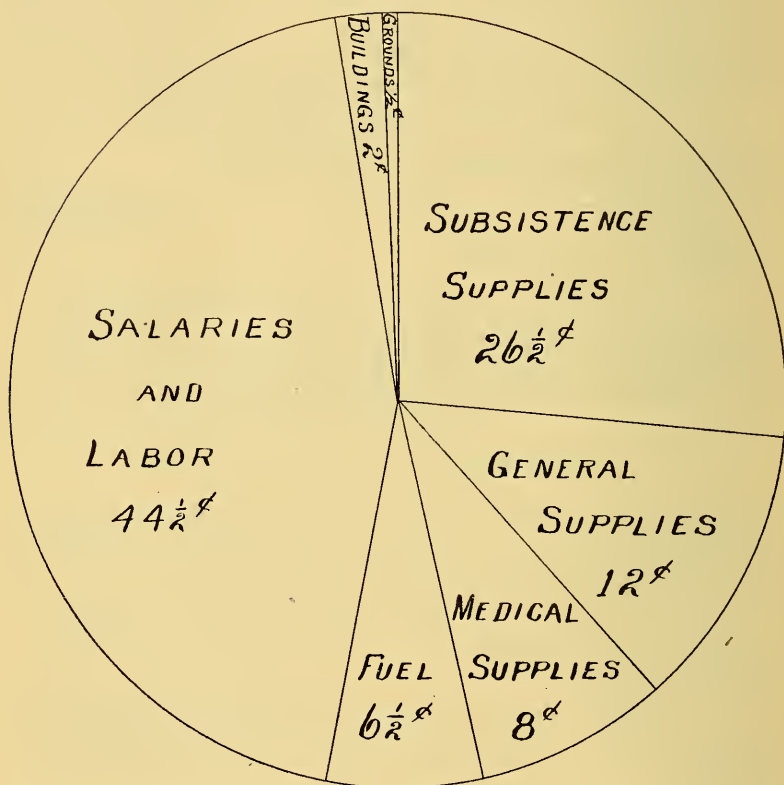
#### THE SOUTHAMPTON WARDS.

Under the hospital management, the Southampton Wards were open for patients from the first of February until July 12, 1915; a total of 162 days.

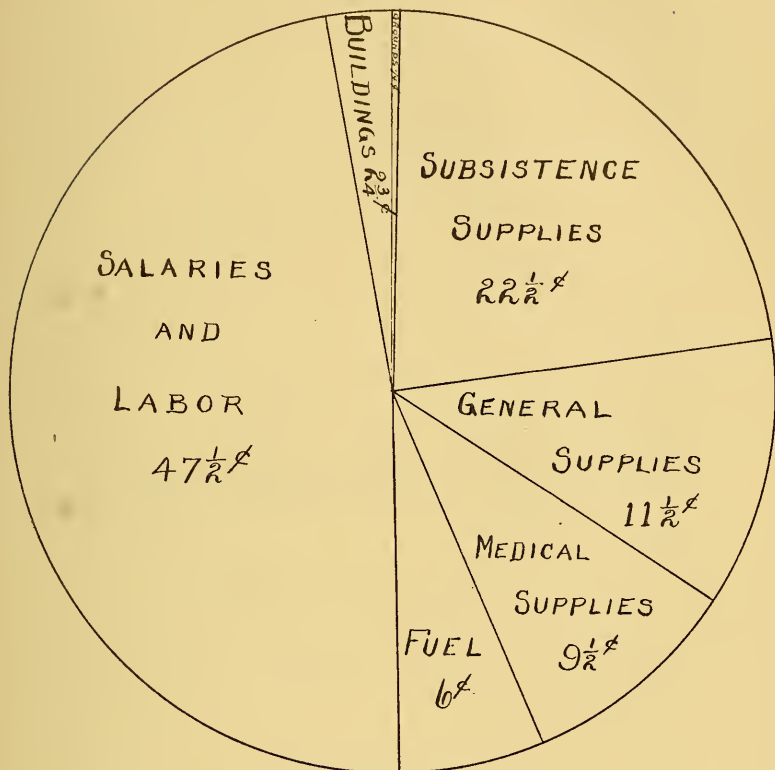
During this time 4,516 days' board were given patients, 2,180 to employees, making a total of 6,696 days' board for all persons.

On August 21 the Health Department reassumed the care and management of the Southampton Street Hospital.

HOW THE CITY DOLLAR WAS DIVIDED.  
1914-15.



HOW THE CITY DOLLAR WAS DIVIDED.  
1915-16.



The diagrams on pages 52 and 53 show how the city dollar was divided during the years 1914-15 and 1915-16. A comparison shows the following increases during the year 1915-16: Medical supplies,  $1\frac{1}{2}$  cents; salaries and labor, 3 cents; buildings,  $\frac{3}{4}$  cent; and the following decreases: Subsistence supplies, 4 cents; general supplies,  $\frac{1}{2}$  cent; fuel,  $\frac{1}{2}$  cent; and grounds,  $\frac{1}{4}$  cent.



## STATISTICAL TABLES.



Table No. 1.

## DISBURSEMENTS ACCORDING TO VARIOUS SUBDIVISIONS.

	The Boston City Hospital.	Out-Patient Department.	Orthopedic Shop.	Pathological Department.	X-Ray and Photographic Department.	Settlement Account.	South Department.	Southampton Wards.	West Department.	Haymarket Square Relief Station.	East Boston Relief Station.	Convalescent Home.	Totals.
Subsistence supplies.	\$112,884 65						\$38,009 43	\$2,517 30		\$5,966 65	\$2,243 64	\$2,392 13	\$164,013 80
Fuel.	21,847 58	\$2,942 35		\$1,471 18	\$367 79		11,339 48	396 75		1,815 93	601 92	451 30	41,234 28
Medical supplies.	48,256 23	2,886 07	\$404 29	2,237 43	8,873 57		2,127 25	66 56		2,466 41	761 92	99 21	68,178 94
Salaries and labor.	195,596 97	12,004 17	1,329 17	12,365 84	7,088 00	\$173 33	70,298 49	3,261 56	\$58 50	24,575 50	12,411 28	4,010 14	344,472 95
Buildings, repairs.	14,217 08	199 35		1,612 41	37 74		3,496 38	163 34		9,228 84	140 90	85 92	20,876 05
Grounds.	661 38						286 47			18 65	21 20	1,133 82	2,121 52
Ice.	2,521 74						715 46	37 93		295 16	146 80	120 06	3,837 15
Electric lighting, power and gas.													
Soap, cleansing stuffs, matches, etc.	3,614 02	289 39		252 64	61 45		709 06	553 46	18 17	1,198 38	689 97	224 76	7,611 30
Removal of ashes.	4,035 55	56 86		48 25	6 65		571 55	29 39		145 00	41 95	43 03	4,978 23
Furniture, furnishings and fixtures.	538 37	73 00		36 50	9 13		255 50						912 50
Beds and bedding.	12,880 95	295 89		166 33	80 82	13 85	1,499 36	40 01		305 78	178 16	181 77	15,642 92
Dry goods, uniforms and clothing.	6,695 11	32 54		3 56	46 08		1,570 39			424 00	101 65	16 50	8,889 83
Medical library.	3,364 72	74 84		102 56	22 78		3,738 68	29 08		331 98	111 80	15 24	7,841 68
Stationery, printing, postage and advertising.	14 50												14 50
Transportation, cartage and freight.	5,994 32	1,174 68		166 87	280 21	234 17	1,093 32			323 64	142 21	42 36	9,451 78
Telephones and telegraphs.	433 08	89	30	18 83	1 81		130 95			278 52	151 68	25 61	1,041 67
Laundry repairs, etc.	2,284 35	33 81		3 38			502 88	50 93	43 73	345 92	109 00	32 27	3,406 27
Stable and ambulance station.	3,151 25	145 84					696 84	94		222 75	109 38	4 65	4,331 65
Barn and live stock.	7,507 34						2,380 33			1,107 74	693 38	155 18	11,843 97
Training School for Nurses.													369 83
Annual reports.	1,231 37						149 11						1,480 48
Loose leaf records: general expenses.	32 87						8 74						41 61
	† 1,408 47												1,408 47



Table No. 2.

SUBDIVISION OF PAY ROLLS FOR THE YEAR ENDING  
JANUARY 31, 1916.

TITLE OF POSITION.	ALL DEPARTMENTS,			
	Number of Incumbents.	Rate by Year, Month, Week, Day.	Equivalent per Annum.	Amount.
<i>Permanent Employees.</i>				
Superintendent.....	1 @	\$8,000 00 yr.	\$8,000 00	\$7,750 00
Assistant superintendent.....	1 @	58 33 wk.	3,033 16	2,774 83
Physicians.....	3 @	58 33 wk.	3,033 16	7,459 87
Physicians.....	3 @	38 89 wk.	2,022 28	5,811 25
Physician.....	1 @	35 00 wk.	1,820 00	1,820 00
Physicians.....	3 @	29 17 wk.	1,516 84	4,471 27
Physicians.....	2 @	25 28 wk.	1,314 56	2,065 74
Physicians.....	3 @	23 33 wk.	1,213 16	3,301 34
Physicians.....	4 @	19 44 wk.	1,010 88	4,152 40
Physicians.....	2 @	9 72 wk.	505 44	992 84
Clerk.....	1 @	19 44 wk.	1,010 88	644 30
Clerk.....	1 @	19 00 wk.	988 00	988 00
Clerk.....	1 @	18 00 wk.	936 00	936 00
Clerk.....	1 @	16 33 wk.	849 16	288 62
Clerks.....	3 @	16 00 wk.	832 00	2,485 33
Clerks.....	3 @	14 00 wk.	728 00	1,985 00
Clerk.....	1 @	13 61 wk.	707 72	724 95
Clerks.....	8 @	12 00 wk.	624 00	4,824 00
Clerks.....	4 @	10 00 wk.	520 00	1,641 67
Hospital employees.....	2 @	35 00 wk.	1,820 00	3,640 00
Hospital employee.....	1 @	29 17 wk.	1,516 84	1,516 84
Hospital employees.....	4 @	25 00 wk.	1,300 00	5,262 51
Hospital employee.....	1 @	23 33 wk.	1,213 16	1,213 16
Hospital employee.....	1 @	22 36 wk.	1,162 72	1,102 03
Hospital employee.....	1 @	22 17 wk.	1,152 84	1,149 67
Hospital employee.....	1 @	22 00 wk.	1,144 00	1,144 00
Hospital employee.....	1 @	21 39 wk.	1,112 28	1,010 88
Hospital employees.....	8 @	21 00 wk.	1,092 00	8,736 00
Hospital employee.....	1 @	20 50 wk.	1,066 00	1,062 58
<i>Carried forward.....</i>	67	.....	.....	\$80,955 08

## THE BOSTON CITY HOSPITAL.

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SUBDIVISION OF PAY ROLLS FOR THE YEAR ENDING JANUARY 31, 1916.—  
*Continued.*

TITLE OF POSITION.	ALL DEPARTMENTS.			
	Number of Incumbents.	Rate by Year, Month, Week, Day.	Equivalent, per Annum.	Amount.
<i>Brought forward</i> .....	67	.....	.....	\$80,955 08
Hospital employee.....	1 @	\$20 00 wk.	\$1,040 00	667 43
Hospital employees.....	8 @	19 50 wk.	1,014 00	8,112 00
Hospital employee.....	1 @	18 67 wk.	970 84	970 84
Hospital employees.....	2 @	18 00 wk.	936 00	1,872 00
Hospital employees.....	5 @	17 50 wk.	910 00	4,245 00
Hospital employees.....	3 @	16 33 wk.	849 16	2,510 16
Hospital employees.....	7 @	16 00 wk.	832 00	6,048 00
Hospital employees.....	3 @	15 17 wk.	788 84	2,365 10
Hospital employee.....	1 @	15 00 wk.	780 00	765 00
Hospital employee.....	1 @	14 93 wk.	776 36	776 36
Hospital employee.....	1 @	14 58 wk.	758 16	758 16
Hospital employees.....	2 @	14 50 wk.	754 00	1,508 00
Hospital employees.....	28 @	14 00 wk.	728 00	19,752 43
Hospital employees.....	3 @	12 83 wk.	667 16	1,986 24
Hospital employee.....	1 @	12 50 wk.	650 00	650 00
Hospital employees.....	2 @	12 00 wk.	624 00	1,248 00
Hospital employees.....	28 @	11 67 wk.	606 84	16,356 68
Hospital employees.....	2 @	11 50 wk.	598 00	1,196 00
Hospital employees.....	3 @	11 00 wk.	572 00	1,708 34
Hospital employees.....	3 @	10 50 wk.	546 00	1,578 10
Hospital employees.....	3 @	10 00 wk.	520 00	1,570 67
Hospital employees.....	6 @	9 33 wk.	485 16	2,929 62
Hospital employees.....	2 @	9 10 wk.	473 20	710 30
Hospital employees.....	9 @	9 00 wk.	468 00	4,175 52
Hospital employees.....	5 @	8 87 wk.	461 24	1,552 45
Hospital employees.....	23 @	8 17 wk.	424 84	9,634 40
Hospital employees.....	12 @	8 00 wk.	416 00	4,453 85
Hospital employees.....	4 @	7 93 wk.	412 36	1,586 58
Hospital employee.....	1 @	7 78 wk.	404 56	404 56
Hospital employees.....	157 @	7 00 wk.	364 00	55,235 64
Hospital employees.....	9 @	6 53 wk.	339 56	2,914 08
Hospital employees.....	2 @	6 00 wk.	312 00	624 00
<i>Carried forward</i> .....	405	.....	.....	\$241,820 59

SUBDIVISION OF PAY ROLLS FOR THE YEAR ENDING JANUARY 31, 1916.—  
Continued.

TITLE OF POSITION.	ALL DEPARTMENTS.			
	Number of Incumbents.	Rate by Year, Month, Week, Day.	Equivalent per Annum.	Amount.
<i>Brought forward</i> .....	405	.....	.....	\$241,820 59
Hospital employees.....	37 @	\$5 83 wk.	\$303 16	10,943 25
Hospital employee.....	1 @	5 50 wk.	288 00	280 00
Hospital employees.....	5 @	4 67 to 5 83 wk.	242 84 to 303 16	1,368 30
Hospital employees.....	22 @	5 00 wk.	260 00	5,587 10
Hospital employees.....	2 @	4 90 wk.	254 80	509 60
Hospital employees.....	83 @	4 67 wk.	242 84	19,965 56
Hospital employees.....	3 @	4 50 wk.	234 00	594 00
Hospital employee.....	1 @	3 73 wk.	193 96	193 96
Hospital employees.....	3 @	3 50 wk.	182 00	532 00
Head nurses.....	42 @	40 00 to 65 00 mo.	480 00 to 780 00	22,207 36
Undergraduate nurses.....	141 @	8 33 to 16 67 mo.	100 00 to 200 00	19,355 46
Head carpenter and head painter.....	2 @	3 00 day	936 00	1,872 00
Carpenters and painters.....	6 @	2 75 day	858 00	5,107 50
Laboratory assistant.....	1 @	1 50 day	234 00	126 00
Floor polishers.....	2 @	1 00 day	312 00	615 00
House cleaners.....	17 @	1 00 day	312 00	5,337 50
	<u>773</u>	.....	.....	<u>\$336,415 18</u>
<i>Temporary Employees.</i>				
Temporary executive assistant.....	1 @	19 44 to 29 17 wk.	.....	\$289 50
Temporary carpenters.....	2 @	2 75 day	.....	792 00
Temporary jobbers.....	6 @	0 20 hr.	.....	540 00
Temporary painter.....	1 @	2 75 day	.....	49 50
Temporary plumber.....	1 @	18 00 wk.	.....	108 00
Temporary assistant engineer..	1 @	21 00 wk.	.....	336 00
Temporary firemen.....	3 @	19 50 wk.	.....	1,365 00
Temporary coal passers.....	4 @	14 00 wk.	.....	1,176 00
Temporary jobber.....	1 @	2 50 day	.....	45 00
<i>Carried forward</i> .....	20	.....	.....	\$4,701 00



SUBDIVISION OF PAY ROLLS FOR THE YEAR ENDING JANUARY 31, 1916.—  
*Concluded.*

TITLE OF POSITION.	ALL DEPARTMENTS.			
	Number of Incumbents.	Rate by Year, Month, Week, Day.	Equivalent per Annum.	Amount.
<i>Brought forward.</i> .....	20	.....	.....	\$4,701 00
Temporary hoisting engineers,	2 @	\$7 50 day	.....	63 75
Temporary coal trimmers.....	5 @	35 hr.	.....	55 76
Temporary graduate special nurse.....	1 @	3 00 day	.....	150 00
	28	.....	.....	\$4,970 51
<i>Unassigned.</i>				
Overtime.....				\$359 67
Emergency.....				2,577 59
				\$2,937 26
Totals.....	801	.....	.....	\$344,322 95

Table No. 3.  
EXPENDITURES, CLASSIFIED, FOR YEAR ENDING  
JANUARY 31, 1916.

GROUP AND ITEM.	ALL DEPARTMENTS.	
	1915-1916.	
A. PERSONAL SERVICE:		
As per Table No 2.....		\$344,322 95
Permanent employees.....	\$336,415 18	
Temporary employees.....	4,970 51	
Unassigned.....	2,937 26	
B. SERVICE OTHER THAN PERSONAL.....		27,187 33
Printing and binding.....	\$41 61	
Postage.....	932 69	
Advertising and posting.....	17 50	
Transportation of persons.....	702 69	
Cartage and freight.....	338 58	
Hire of teams.....	221 99	
Light and power.....	5,550 76	
Insurance.....	634 08	
Premium on surety bond.....	40 00	
Communication.....	3,406 27	
Motor vehicle repairs.....	2,206 00	
Motorless vehicle repairs.....	639 00	
Care of horses.....	616 00	
Removal of ashes and dirt and garbage.....	912 50	
Removal of snow.....	271 97	
Veterinary.....	5 00	
Testing materials and supplies.....	218 83	
Expert and architect.....	1,632 00	
Boiler inspection.....	20 00	
General plant repairs.....	8,393 86	
Harness, etc., repairs.....	102 00	
Horseshoeing and clipping.....	284 00	
C. EQUIPMENT.....		51,736 87
Apparatus, cable wire, etc.....	\$3 00	
Electrical.....	1,639 06	
Motor vehicles.....	6,502 50	
Carried forward.....	\$8,144 56	\$423,247 15

EXPENDITURES, CLASSIFIED, FOR YEAR ENDING JANUARY 31, 1916.—*Conc.*

GROUP AND ITEM.	ALL DEPARTMENTS.	
	1915-1916.	
<i>Brought forward</i> .....	\$8,144 56	\$423,247 15
Motorless vehicles.....	155 18	
Stable.....	47 80	
Furniture and fittings.....	22,210 45	
Office.....	232 00	
Library.....	14 50	
Medical, surgical, laboratory.....	16,600 07	
Tools and instruments.....	708 00	
Live stock.....	369 83	
Wearing apparel.....	3,254 48	
D. SUPPLIES.....		284,298 87
Office.....	\$10,448 05	
Food and ice.....	166,798 95	
Fuel.....	41,015 45	
Forage and animal.....	1,126 06	
Medical, surgical, laboratory.....	51,935 34	
Library.....	7 00	
Laundry, cleaning, toilet.....	8,985 58	
Educational and recreational.....	596 46	
Agricultural.....	1,627 56	
Motor vehicle.....	706 61	
Chemicals and disinfectants.....	263 81	
General plant.....	788 00	
E. MATERIALS.....		13,676 03
Building.....	\$4,981 00	
Apparatus.....	50 00	
Machinery.....	1,900 00	
Electrical.....	2,100 00	
General plant.....	4,645 03	
F. SPECIAL ITEMS.....		3,823 38
Pensions and annuities.....	\$930 55	
Workingmen's compensation.....	194 19	
Contracts for construction where money is derived from taxes as per Schedule B.*.....	2,372 00	
G. INCIDENTAL EXPENDITURES TO COVER CONTINGEN- CIES OTHER THAN PERSONAL SERVICE.....	326 64	
Total.....		\$725,045 43

\* Schedule B. Balance of contract for installing sprinkler system, \$2,372.

Table No. 4.

DISBURSEMENTS FROM FEBRUARY 1, 1915, TO JANUARY  
31, 1916, INCLUSIVE.

ARTICLES.	Quantity.	Average Price.	Cost.
The Boston City Hospital, Haymarket Square Relief Station, East Boston Relief Station, Convalescent Home and West Department.			
SUBSISTENCE SUPPLIES.			
Beef and veal.....	136,790 lbs.	\$0.139 per lb.	\$19,011 99
Mutton and lamb.....	81,734 "	.120 "	9,791 71
Poultry.....	89,144 "	.176 "	15,674 84
Pork and ham.....	67,015 "	.136 "	9,080 99
Fish.....			4,432 57
Lard.....	8,054 lbs.	.081 per lb.	654 42
Milk.....	63,142 $\frac{1}{2}$ cans	.611 per can.	38,552 49
Butter.....	58,637 lbs.	.297 per lb.	17,410 55
Cheese.....	1,936 "	.169 "	328 01
Eggs.....	62,687 doz.	.286 per doz.	17,956 56
Vegetables, fresh .....			6,085 56
Vegetables, canned.....			3,004 11
Fruit, fresh.....			4,322 92
Fruit, canned.....			1,842 17
Flour.....	727 bbls.	6.210 per bbl.	4,514 54
Graham flour.....	21 "	4.974 "	104 45
Oatmeal.....	80 "	6.064 "	485 15
Cornstarch and farina.....	3,672 lbs.	.038 per lb.	140 28
Rice.....	8,570 "	.045 "	381 95
Other cereals.....			1,238 11
Groceries.....			2,357 83
Coffee.....	13,700 lbs.	.198 per lb.	2,714 25
Tea.....	3,718 "	.185 "	686 37
Chocolate and cocoa.....	2,785 $\frac{1}{2}$ "	.146 "	407 53
Sugar.....	50,042 "	.054 "	2,709 14
Molasses and syrup.....	418 $\frac{1}{4}$ gals.	.300 per gal.	125 31
Carried forward.....			\$164,013 80

DISBURSEMENTS FROM FEB. 1, 1915, TO JAN. 31, 1916, INCLUSIVE.—*Cont.*

ARTICLES.	Cost.	Totals.
<i>Brought forward</i> .....		\$164,013 80
GENERAL SUPPLIES.		
Printing.....	\$4,476 46	
Stationery.....	2,169 20	
Postage.....	932 69	
Advertising proposals, etc.....	17 50	
Telephone rentals.....	2,705 04	
Telephone, telegraph and messenger service.....	664 04	
Nurses' Home.....	374 60	
Vose House.....	301 32	
Lucy L. Drown House.....	208 10	
Training School for Nurses.....	557 29	
Cooking School.....	39 17	
Stable and ambulance:		
Expenses.....	\$10,245 70	
Coal 173 $\frac{1}{2}$ tons.....	735 59	
	10,981 29	
Wagonette.....	155 18	
Barn and live stock.....	369 83	
Hay, straw and grain.....	688 68	
Stable supplies.....	47 80	
Gasolene.....	706 61	
Soap and cleansing stuffs.....	4,580 23	
Dry goods.....	4,452 88	
Furniture.....	2,545 34	
Furnishings.....	10,543 36	
Fixtures.....	1,967 24	
Bedsteads.....	207 53	
Mattresses.....	1,055 80	
Bedding.....	7,544 32	
Laundry supplies:		
Expenses.....	\$4,185 81	
Coal 675 tons.....	2,856 60	
	7,042 41	
Gas, 4,011,000 cubic feet at \$0.781 per 1,000 cubic feet.....	3,133 77	
Electric light purchased.....	2,166 27	
Electric light system.....	1,448 84	
<i>Carried forward</i> .....	\$72,082 79	\$164,013 80



DISBURSEMENTS FROM FEB. 1, 1915, TO JAN. 31, 1916, INCLUSIVE.— *Cont.*

ARTICLES.	Cost.	Totals.
<i>Brought forward</i> .....	\$72,082 79	\$164,013 80
GENERAL SUPPLIES.— <i>Concluded.</i>		
Electrical appliances.....	258 94	
Kerosene, matches and candles.....	120 55	
Removal of ashes.....	793 87	
Ice, 1,161 $\frac{1333}{1000}$ tons at \$3.303 per ton.....	3,837 15	
Transportation and express.....	684 26	
Cartage and freight.....	335 58	
Insurance.....	639 08	
Expert accounting.....	43 33	
Clothing for patients.....	2,880 84	
Uniforms, caps, etc.....	307 78	
Medical Library.....	14 50	
Annual reports.....	41 61	
Loose Leaf Records:		
Expenses..... \$1,408 47		
Salaries..... 1,365 00		
	2,773 47	
House cleaning: soap, brushes, etc.....	195 78	
Incidentals not otherwise classified.....	151 27	
		85,160 80
MEDICAL SUPPLIES.		
Surgical appliances.....	\$5,123 61	
Splints and crutches.....	344 01	
Surgical instruments.....	3,676 27	
Surgical dressings.....	1,051 49	
Bandage and compress materials.....	3,704 61	
Gauze.....	8,111 38	
Absorbent cotton.....	988 65	
Oxygen gas.....	405 40	
Sulphuric ether.....	1,868 72	
Medicine and drugs.....	19,926 73	
Druggists' sundries.....	1,804 97	
Flaxseed meal.....	776 57	
Alcohol.....	3,596 42	
Liquors.....	1,735 08	
Malt liquors and mineral waters.....	663 67	
		53,777 58
<i>Carried forward</i> .....		\$302,952 18

## THE BOSTON CITY HOSPITAL.

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DISBURSEMENTS FROM FEB. 1, 1915, TO JAN. 31, 1916, INCLUSIVE.— *Cont.*

ARTICLES.	Cost.	Total.
<i>Brought forward</i> .....		\$302,952 18
<b>FUEL.</b>		
Coal, 7,344 <sup>19</sup> / <sub>100</sub> tons at \$4.448 per ton.....	\$32,667 57	
Charcoal.....	193 20	32,860 77
<b>SALARIES AND LABOR.</b>		
Salaries and wages.....	\$303,176 73	
Wages, house cleaners.....	4,345 97	
Pensions.....	930 55	
Injured employees.....	194 19	309,147 44
<b>BUILDINGS.</b>		
General repairs.....	\$7,898 28	
Boilers and heating apparatus.....	2,858 46	
Painting.....	3,269 24	
Plumbing.....	1,604 79	
Drains and sewers.....	11 20	
Refrigerating plant.....	59 07	
Walls and fences.....	1,817 38	
Board room.....	1,508 13	19,026 55
<b>GROUNDS.</b>		
Care of grounds.....		2,121 52
Deduct for board of employees:		\$666,108 46
Out-Patient Department.....		2,730 00
Total expenditures in maintaining Main Department for year ending January 31, 1916.....		\$663,378 46
<b>OUT-PATIENT DEPARTMENT.</b>		
Printing and stationery.....	\$1,174 68	
Telephone rentals.....	33 81	
Soap and cleansing stuffs.....	41 05	
Dry goods and bedding.....	107 38	
Furniture, furnishings and fixtures.....	291 64	
Laundry supplies.....	145 84	
Gas, 161,700 cubic feet at \$0.78 per 1,000 cubic feet.....	126 13	
Electric light purchased.....	3 00	
Electric light system.....	74 62	
Electrical appliances.....	85 64	
<i>Carried forward</i> .....	\$2,083 79	\$663,378 46

DISBURSEMENTS FROM FEB. 1, 1915, TO JAN. 31, 1916, INCLUSIVE.— *Cont.*

ARTICLES.	Cost.	Total.
<i>Brought forward</i> .....	\$2,083 79	\$663,378 46
OUT-PATIENT DEPARTMENT.— <i>Concluded.</i>		
Kerosene, matches and candles.....	56	
Removal of ashes.....	73 00	
Cartage and freight.....	89	
Insurance.....	35 00	
House cleaning: soap, brushes, etc.....	19 50	
Surgical instruments, appliances and apparatus.....	433 90	
Surgical dressings, bandage, gauze and absorbent cotton.....	1,343 59	
Medical supplies.....	1,108 58	
Coal, 695 <sup>573</sup> / <sub>240</sub> tons at \$4.232 per ton.....	2,942 35	
Salaries and wages.....	12,743 25	
Wages, house cleaning.....	260 92	
Building repairs, heating apparatus and plumbing.....	199 35	
	\$21,244 68	
Add for board of Out-Patient Department employees.....	2,730 00	23,974 <sup>1</sup> / <sub>68</sub>
ORTHOPEDIC SHOP.		
Cartage and freight.....	\$0 30	
Surgical appliances and apparatus.....	124 91	
Orthopedic supplies.....	279 38	
Salaries and wages.....	1,329 17	1,733 <sup>1</sup> / <sub>76</sub>
PATHOLOGICAL DEPARTMENT.		
Printing, stationery and postage.....	\$158 58	
Telephone rentals.....	3 38	
Soap and cleansing stuffs.....	32 65	
Dry goods, uniforms and bedding.....	65 44	
Furniture, furnishings and fixtures.....	140 59	
Gas, 155,900 cubic feet at \$0.78 per 1,000 cubic feet.....	121 59	
Electric light system.....	56 42	
Electrical appliances.....	1 63	
Kerosene, matches and candles.....	5 60	
Removal of ashes.....	36 50	
Transportation, cartage and freight.....	18 43	
House cleaning: soap, brushes, etc.....	10 83	
Incidentals.....	175 37	
<i>Carried forward</i> .....	\$827 01	\$689,086 90

DISBURSEMENTS FROM FEB. 1, 1915, TO JAN. 31, 1916, INCLUSIVE.— *Cont.*

ARTICLES.	Cost.	Totals.
<i>Brought forward</i> .....	\$827 01	\$689,086 90
PATHOLOGICAL DEPARTMENT.— <i>Concluded.</i>		
Scarlet fever research:		
Salaries.....	\$2,937 32	
Other expenses.....	2,162 57	
	5,099 89	
Instruments, apparatus and laboratory ware.....	1,108 86	
Chemicals.....	263 81	
Blood serum.....	99 71	
Alcohol.....	157 43	
Coal, 347 <sup>1400</sup> / <sub>2240</sub> tons at \$4.232 per ton.....	1,471 18	
Salaries and labor.....	9,206 32	
Wages, house cleaning.....	222 20	
Building repairs, heating apparatus and plumbing.....	204 74	18,661 15
X-RAY AND PHOTOGRAPHIC DEPARTMENT.		
Printing and stationery.....	\$280 21	
Dry goods, uniforms, clothing for patients and bedding.....	68 86	
Furniture, furnishings and fixtures.....	78 82	
Electric light system.....	59 18	
Electrical appliances.....	2 27	
Removal of ashes.....	9 13	
Cartage and freight.....	1 81	
Housecleaning: Soap, brushes, etc.....	8 65	
X-ray and photographic supplies and apparatus.....	8,873 57	
Coal, 86 <sup>2233</sup> / <sub>2233</sub> tons at \$4.232 per ton.....	367 79	
Salaries and labor.....	7,051 04	
Wages, housecleaning.....	36 96	
Building repairs and plumbing.....	37 74	16,876 03
SETTLEMENT ACCOUNT.		
Ascertaining settlement of patients.....	\$421 35	421 35
Total disbursements.....		\$725,045 43
STOCK ON HAND FEBRUARY 1, 1915.		
<i>All Departments.</i>		
General supplies.....	\$30,616 31	
Coal.....	3,887 85	
<i>Carried forward</i> .....	\$34,504 16	\$725,045 43

DISBURSEMENTS FROM FEB. 1, 1915, TO JAN. 31, 1916. INCLUSIVE.—*Conc.*

ARTICLES.	Cost.	Totals.
<i>Brought forward</i> .....	\$34,504 16	\$725,045 43
STOCK ON HAND, FEBRUARY 1, 1915.— <i>Concluded.</i>		
Medical supplies.....	3,560 19	
Liquors.....	316 65	
		38,381 00
Total expenditures for all purposes.....		\$763,426 43
DEDUCT.		
STOCK ON HAND FEBRUARY 1, 1916.		
<i>All Departments.</i>		
General supplies.....	\$27,662 88	
Coal.....	442 82	
Medical supplies.....	5,657 30	
Liquors.....	250 00	
		34,013 00
Total maintenance expenses.....		\$729,413 43
DEDUCT REVENUE.		
Income from paying patients:		
Collected by hospital.....	\$98,478 73	
Collected by Board of Health for contagious cases.....	41,861 45	
		\$140,340 18
Revenue on account of maintenance:		
Interest on trust funds.....	\$2,156 22	
Refund: Overcharge on freight.....	2 48	
		2,158 70
Sundry revenue:		
Sale of old material, including paper, rubber, iron, hose.....	\$278 36	
Interest on bank deposit.....	63 52	
Rent of booth, West Department.....	50 00	
Commission on automatic telephone.....	29 00	
Birth fees.....	26 00	
Sale of standing grass, West Department.....	15 00	
	461 88	
		142,960 76
Net cost to the city for maintaining all departments from February 1, 1915, to January 31, 1916, inclusive.....		\$586,452 67



Table No. 5.

COMPARISON OF THE CENSUS AND EXPENDITURES AT THE BOSTON CITY HOSPITAL FOR THE FISCAL YEARS ENDING JANUARY 31, 1911, 1912, 1913, 1914, 1915, 1916.

POPULATION.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.
Number of inmates beginning fiscal year.....	817	780	805	970	930	971
Number received during year....	14,442	14,851	16,199	17,107	18,149	19,922
Number discharged during year, including deaths.....	14,479	14,826	16,034	17,147	18,108	19,918
Number at end of fiscal year.....	780	805	970	930	971	975
Daily average attendance ( <i>i. e.</i> , number inmates actually present) during fiscal year.....	725.1	753.6	767.0	830.9	859.5	865.3
Average number officers and employees during fiscal year....	598.3	620.2	647.3	665.1	698.6	717.4
Total average — inmates, officers and employees.....	1,323.4	1,373.8	1,414.3	1,496.0	1,558.1	1,582.7
EXPENDITURES.						
Current expenditures:						
Salaries and wages.....	\$232,444 46	\$245,085 36	\$258,247 83	\$278,679 29	\$298,305 57	\$341,535 63
Clothing.....	1,917 11	2,446 86	1,734 60	1,679 21	2,364 42	2,883 84
Subsistence of patients and employees.....	138,697 51	131,059 86	153,672 94	162,983 02	178,080 27	164,013 80
Ordinary repairs and replacements.....	24,204 56	25,663 89	32,119 14	22,091 71	27,959 88	35,018 09
Office, domestic, outdoor expenses.....	136,587 56	147,282 96	141,659 80	150,867 79	167,303 11	174,986 05
Extraordinary expenses:						
Permanent improvements.....	2,022 10					3,670 70
Salaries.....						2,937 32
Grand totals.....	\$535,873 30	\$551,538 93	\$587,434 31	\$616,301 02	\$674,013 25	\$725,045 43
Deduct Out-Patient Department,	54,041 41	56,778 83	60,687 68	62,822 14	67,285 64	77,683 53
Totals.....	\$481,831 89	\$494,760 10	\$526,746 63	\$553,478 88	\$606,727 61	\$647,361 90
Deduct money paid to City Treasurer for pay patients, etc..	129,138 25	116,159 98	114,406 32	116,210 46	127,988 35	142,960 76
Totals.....	\$352,693 64	\$378,600 12	\$412,340 31	\$437,268 42	\$478,739 26	\$504,401 14

(These figures include all departments of the hospital except Out-Patient Departments.)

COMPARISON OF THE CENSUS AND EXPENDITURES.—*Concluded.*

	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.
Per capita cost per patient per week, including permanent improvements.....	\$12 74	\$12 59	\$13 13	\$12 78	\$13 54	\$14 35
Per capita cost per patient per week, exclusive of permanent improvements.....	12 69	12 59	13 13	12 78	13 54	14 27
Per capita cost per patient per week, deducting money paid to City Treasurer, including permanent improvements.....	9 32	9 63	10 28	10 09	10 68	11 13
Per capita cost per patient per week, deducting money paid to City Treasurer, also permanent improvements.....	9 27	9 63	10 28	10 09	10 68	11 10

(These figures include all departments of the hospital except Out-Patient Departments.)

The tables of disbursements in this report show the expenditures of the Hospital Department during the fiscal year February 1, 1915, to January 31, 1916, inclusive. Table No. 1 shows the disbursements according to various subdivisions. Table No. 2 shows the subdivisions of pay rolls for the year. Table No. 3 shows the expenditures, classified, for the year. Table No. 4 shows the disbursements from February 1, 1915, to January 31, 1916, inclusive. Table No. 5 is a comparison of the census and expenditures at the Boston City Hospital for the last six years. Table No. 6 shows the comparative net cost per patient at the main hospital, including the South Department, for the last fourteen years.

The total expenditures during the fiscal year for the Hospital Department, in its various branches, have been \$725,045.43 and the disbursements have been made as follows:

Hospital proper and its subdivisions . . . . .	\$469,328 24
Out-Patient Department . . . . .	32,645 46
South Department, including Southampton	
Wards . . . . .	153,520 49
<i>Carried forward</i> . . . . .	\$655,494 19

<i>Brought forward</i> . . . . .	\$655,494 19
West Department . . . . .	120 40
Haymarket Square Relief Station . . . . .	41,148 46
East Boston Relief Station . . . . .	18,875 30
Convalescent Home . . . . .	9,407 08
Total . . . . .	<u>\$725,045 43</u>

Table No. 6.

STATEMENT OF NET PER CAPITA COST PER PATIENT,  
MAIN HOSPITAL, INCLUDING SOUTH DEPARTMENT,  
FOR PAST FOURTEEN YEARS.

YEAR.	Cost of Maintenance.	Paid into City Treasury.	Number of Weeks' Board.	Net Cost to the City per Year.	Net Cost per Week per Patient.
1902.....	\$416,499 23	\$73,885 39	30,233	\$342,613 84	\$11 33
1903.....	421,224 62	71,262 81	32,910	349,961 81	10 63
1904.....	422,093 02	59,218 00	32,262	362,875 02	11 25
1905.....	410,840 24	100,796 40	31,250	310,043 84	9 92
1906.....	431,394 73	91,189 60	34,696	340,205 13	9 81
1907.....	428,302 71	116,605 12	36,095	311,697 59	8 64
1908.....	451,130 64	128,297 52	41,552	322,833 12	7 77
1909.....	428,521 00	131,359 81	35,399	297,161 19	8 39
1910.....	450,812 13	128,475 04	36,369	322,337 09	8 86
1911.....	466,591 79	115,330 32	37,564	351,261 47	9 35
1912.....	498,335 50	113,376 79	38,281	384,958 71	10 08
1913.....	526,464 67	114,149 03	41,448	412,315 64	9 95
1914.....	568,997 70	124,110 30	43,346	444,887 40	10 26
1915.....	626,781 73	139,558 00	43,496	487,223 73	11 20

## REVENUE FROM ALL SOURCES FOR THE YEAR FEBRUARY 1, 1915, TO JANUARY 31, 1916, INCLUSIVE.

	Hospital Proper.	South Depart- ment.	West Depart- ment.	Haymarket Square Relief Station.	East Boston Relief Station.	Convales- cent Home.	Totals.	Grand Totals.
Revenue, Account of Maintenance:								
Interest on Trust Funds.....	\$2,156 22						\$2,156 22	
Refund: Overcharge on freight.....	2 48						2 48	\$2,158 70
Sundry Revenue:								
Income from Paying Patients:								
Collected by hospital.....	91,851 42	\$3,303 45		\$2,110 09	\$1,213 77		\$98,478 73	
Collected by Board of Health for contagious cases.....		41,861 45					41,861 45	140,340 18
Sale of Old Material:								
Paper, rubber, iron, hose.....	65 94						\$65 94	
Miscellaneous.....	198 52			4 10	2 35	\$7 45	212 42	278 36
Interest on bank deposit.....	63 52							\$3 52
Rent of booth.....			\$50 00					50 00
Commission on automatic telephone.....	29 00							29 00
Birth fees.....	26 00							26 00
Sale of standing grass.....			15 00					15 00
Totals.....	\$94,393 10	\$45,164 90	\$65 00	\$2,114 19	\$1,216 12	\$7 45		\$142,960 76

(In addition to the above, revenue from the estate, Massachusetts avenue and Northampton street, amounting to \$90, has been turned over to the City Collector, to be used to defray the interest on the loan.)

The main hospital has four subdivisions, the hospital (wards) proper, Out-Patient Departments, the Pathological Department and the X-Ray Laboratory. The expenditures for the South Department for infectious diseases, the Haymarket Square Relief Station, the East Boston Relief Station, the Convalescent Home, and the West Department (as yet unopened) are kept in separate tables.

The expenditures of the hospital proper were for the care of 16,074 patients in the wards for 203,509 days, or 29,073 weeks' board, which makes the average weekly cost of \$16.36, or a daily cost of \$2.33 $\frac{5}{7}$  for patients of all classes. The cost of uncooked food supplies for all persons, including patients and the entire household at the hospital proper, was \$112,884.65. The average number of patients was 557, of officers and employees, including house and nursing staff, 504, or a total daily average of 1,061 persons. The number of weeks' board for all persons was 55,340 and the weekly cost per person for uncooked food supplies was \$2.04, or 29 $\frac{1}{7}$  cents per day.

The average cost per patient per week in the hospital proper was \$16.36. The average cost per patient per week in the South Department (mainly children) was \$10.48. There was collected from paying patients, etc., \$94,393.10 for the hospital proper and \$45,164.90 for the South Department. This money was paid into the City Collector's office and credited by them to the general revenue of the city. If this amount were credited to the hospital appropriation it would reduce the per capita cost per week to the city to \$13.12 in the main hospital and to \$7.34 in the South Department.

The total expenditures in the Hospital Department have been \$725,045.43, but the net cost to the city for maintaining the main hospital was only \$381,305.14.

The maximum number of patients in the hospital proper on any one day was 662, as against 664 in the previous year. The minimum number was 428, in comparison with 457 for the previous year. The daily



average during the year was 557.6, and the average length of stay was  $12\frac{6}{10}$  days.

There have been treated in the various Out-Patient Departments 39,351 patients, at a cost of \$32,645.46. Other statistics may be found elsewhere, including the number of out-patients, number of their visits, rate of mortality, work of ambulances, census of days' board for all persons, the nativity of patients admitted and physical condition of patients when discharged.

The total number of deaths from February 1, 1915, to January 31, 1916, was 1,580. This does not include the statistics of the South Department, but only the main hospital.

Of the deaths, there occurred within

48 hours of admission . . . . .	599 or $3\frac{7}{10}$ per cent.
Other deaths . . . . .	981 or $6\frac{1}{10}$ per cent.

---

Total . . . . . 1,580 or  $9\frac{8}{10}$  per cent.,  
the rate of mortality for the year ending January 31, 1916.

This percentage of deaths is for the *total number of patients treated* in the hospital. The deaths occurring within forty-eight hours of admission (599) were 37.91 per cent of the whole number of deaths (1,580).

During the year 16,074 patients were treated in the wards, 39,351 as out-patients, 371 at the Convalescent Home, 3,331 at the South Department; at the Haymarket Square Relief Station 837 were treated in the wards and 33,070 as out-patients, and at the East Boston Relief Station 280 were treated in the wards and 13,384 as out-patients, a total of 106,698 who have received the benefits of the hospital in all departments.

During the year 18,832 persons applied for admission at the main hospital. Of this number 15,468 were admitted and 3,364 were rejected, the latter being 230 more than last year. The number rejected was 18 per cent of all persons applying, and the causes of rejection



appear in the table of applicants not admitted, on page 43. Of the number applying 1,057 either changed their minds or were admitted later; of these, 104 were received within three days after application and 29 admitted still later. There were 181 applicants rejected for want of vacant beds, but of these 21 were admitted later. There were 976 of these applicants who could be treated more properly in the various out-patient services without the additional cost of receiving them in the wards. Admission was denied to 603 for lack of information that they were suitable cases; of these, 221 were received within three days after application and 7 were admitted later, and 447 were rejected as apparently incurable or unsuitable for treatment here. Various other causes of rejection appear in the tabulated form on page 43.

*South Department.*—The total expenditure for the South Department was \$153,520.49, against \$134,688.96 for the previous year, and, allowing for the difference in stock at the beginning and close of the year, the sum of \$151,083.49 represents the cost of maintenance for the fiscal year. The per capita weekly cost at the South Department was \$10.48.

*Out-Patient Services.*—The cost of maintenance in the various out-patient services was \$32,645.46.

*Convalescent Home.*—The cost of maintenance for the Convalescent Home was \$9,357.08. The daily average was 20.7 patients, and the average weekly cost was \$8.67.

#### HAYMARKET SQUARE RELIEF STATION.

The following are the principal statistics of the Haymarket Square Relief Station for the year:

Number of patients remaining in Haymarket Square	
Relief Station January 31, 1915 . . . . .	6
Admitted from February 1, 1915, to January 31,	
1916, inclusive . . . . .	831
<hr/>	
Treated during the year . . . . .	837

Discharged during the year . . . . .	676	
Died during the year . . . . .	153	
	<hr/>	829
Number of patients remaining in Haymarket Square Relief Station January 31, 1916 . . . . .		8
Number of out-patients treated . . . . .		33,070
Largest number of out-patients treated on any one day, . . . . .		152
Number of major surgical operations . . . . .		116
Number of deaths . . . . .		153
Number of deaths within twenty-four hours of admission . . . . .		117
Number of days' treatment given patients in wards . . . . .		2,821
Largest number of ward patients on any one day . . . . .		16
Smallest number of ward patients on any one day . . . . .		1
Average stay of ward patients in days . . . . .		3.37
Daily average in wards . . . . .		7.7
Number of ambulance calls . . . . .	1,544	
Number of ambulance trips for transfer of admitted patients to hospital proper . . . . .	452	
Miscellaneous ambulance trips . . . . .	37	
	<hr/>	2,033
Number of patients transferred to hospital proper . . . . .		732
Number of cases brought in by police ambulances and patrol wagons . . . . .		1,259
Number of cases brought in by carriages and automobiles . . . . .		425
Total operating expenses . . . . .	\$41,148	46

#### EAST BOSTON RELIEF STATION.

The following are the principal statistics for the year:

Number of patients remaining in the East Boston Relief Station January 31, 1915 . . . . .		4
Admitted from February 1, 1915, to January 31, 1916, inclusive . . . . .		276
	<hr/>	
Treated during the year . . . . .		280
Discharged during the year . . . . .	256	
Died during the year . . . . .	19	
	<hr/>	275

Number of patients remaining in East Boston Relief Station January 31, 1916 . . . . .	5
Number of out-patients treated . . . . .	13,384
Number of visits of out-patients . . . . .	35,988
Largest number of out-patients treated on any one day, . . . . .	205
Number of major surgical operations . . . . .	19
Number of deaths . . . . .	19
Number of deaths within twenty-four hours of admission . . . . .	10
Number of days' treatment given patients in the wards . . . . .	989
Largest number of ward patients on any one day . . . . .	7
Smallest number of ward patients on any one day . . . . .	0
Average stay of ward patients in days . . . . .	3.53
Daily average in wards . . . . .	2.7
Number of ambulance trips for transfers of admitted patients to hospital proper . . . . .	107
Number of trips by East Boston Relief Station ambulance . . . . .	195
Number of patients transferred to hospital proper . . . . .	135
Number of patients brought in by police ambulances, patrol wagons, carriages, automobiles, etc. . . . .	342
Number of patients carried by East Boston Relief Station ambulance . . . . .	167
Number of patients accidentally injured admitted to wards . . . . .	155
Total operating expenses . . . . .	\$18,875 30

## CONVALESCENT HOME.

The statistics of the Convalescent Home, which has just completed its twenty-fifth year, are as follows:

Number of patients in Home January 31, 1915 . . . . .	12
Admitted during the year . . . . .	359
<hr/>	
Total treated during the year . . . . .	371
Discharged during the year . . . . .	344
<hr/>	
Number remaining in Home January 31, 1916 . . . . .	27
Largest number of patients on any one day . . . . .	36
Smallest number of patients on any one day . . . . .	10

Daily average number of patients . . . . .	20.7
Average stay of patients in days . . . . .	20.36
Total operating expenses . . . . .	\$9,407 08

### GENERAL REPAIRS.

The hospital carpenters during the year have been actively employed in easing doors and windows, repairing furniture and locks, and other necessary and important work. The hospital painters have done a great amount of work in painting walls, setting glass and painting iron furniture, not only at the main hospital but at the South Department and Relief Stations. The painting of the iron furniture is a very important part of the work of the painters.

### MEDICAL LIBRARY.

Number of books in library February 1, 1915 . . .	3,198
Number of books added to library from February 1, 1915, to January 31, 1916:	
By purchase . . . . .	59
By donation . . . . .	23
	<hr/>
	82
Number of books in library January 31, 1916 . . .	3,280

For all books received during the year index cards have been written and filed.

There have been received during the year 190 medical monographs and reprints, 183 hospital and health reports and 539 periodicals.

### LOOSE LEAF RECORDS.

On June 10, 1915, the clinical records were reorganized under the direction of the Administrative Board of the hospital. A registrar, Miss Leonie M. Corcoran, and two assistants were appointed. In January another assistant was added, and the office of registrar, appointed from the staff, was discontinued.

The rule now is, that all records must be signed by the Visiting Physician or Surgeon of a service, and handed to the registrar, in completed form, ready for binding, within one week of the patient's discharge from the hospital.

The general character and accessibility of the records have already been greatly improved. A system of classification of diseases has been adopted by the Committee on Uniform Medical Terms.

Since June 10, 1915, 6,006 cards have been written.

#### TRAINING SCHOOL FOR NURSES.

The Training School for Nurses has now completed its thirty-seventh year. The changes in the nursing staff during the year have been as follows:

#### SUMMARY FROM FEBRUARY 1, 1915, TO JANUARY 31, 1916.

February 1, 1915, the number of nurses was . . . 228

During the year nurses have left as follows:

Instructor resigned . . . . .	1
Head nurses resigned . . . . .	7
Pupils graduated . . . . .	38
Pupils dropped from roll . . . . .	24
Probationers dropped from roll . . . . .	32
Pupils from affiliated schools have completed courses as follows:	
Boston State Hospital . . . . .	17
Taunton State Hospital . . . . .	14
Medfield State Hospital . . . . .	1
New England Hospital . . . . .	8
Leonard Morse Hospital . . . . .	6
Worcester Memorial Hospital . . . . .	9
	— 55
Affiliated pupils who withdrew . . . . .	4
Graduate specials who withdrew . . . . .	9
	—
Total graduations and resignations . . . . .	<u>170</u>

Number of nurses remaining . . . . .	58
Graduates retained . . . . .	14
Graduates re-employed . . . . .	2
Pupils readmitted . . . . .	8
Probationers . . . . .	84

Pupils from affiliated schools admitted as follows:

Boston State Hospital . . . . .	17	
Taunton State Hospital . . . . .	12	
Medfield State Hospital . . . . .	1	
New England Hospital . . . . .	8	
Leonard Morse Hospital . . . . .	6	
Worcester Memorial Hospital . . . . .	9	
	—	53
Graduate special nurses . . . . .		13
		—
Total number remaining January 31, 1916 . . . . .		<u>232</u>

### NURSES CONNECTED WITH THE SCHOOL, JANUARY 31, 1916.

#### *Main Hospital:*

Superintendent of nurses . . . . .	1	
Assistant superintendents of nurses . . . . .	3	
Instructors . . . . .	2	
Head nurses . . . . .	31	
Senior pupils (third year) . . . . .	33	
Senior pupils (second year) . . . . .	28	
Junior pupils . . . . .	14	
Probationers . . . . .	18	
Affiliated pupils . . . . .	15	
Senior pupils at Obstetrical Hospitals . . . . .	14	
Senior pupils at Boston State Hospital . . . . .	3	
Graduate special nurses . . . . .	12	
	—	174

#### *South Department:*

Assistant superintendent of nurses . . . . .	1	
Supervisors of nurses . . . . .	2	
Head nurses . . . . .	6	
	—	
Carried forward . . . . .	9	<u>174</u>



<i>Brought forward</i> . . . . .	9	174
Special nurse . . . . .	1	
Senior pupil (third year) . . . . .	1	
Senior pupils (second year) . . . . .	9	
Junior pupils . . . . .	25	
Affiliated pupils . . . . .	2	
	—	47
<i>Haymarket Square Relief Station:</i>		
Matron . . . . .	1	
Head nurse . . . . .	1	
Graduate nurses . . . . .	2	
Affiliated pupil . . . . .	1	
	—	5
<i>East Boston Relief Station:</i>		
Matron . . . . .	1	
Graduate nurse . . . . .	1	
Affiliated nurses . . . . .	2	
	—	4
<i>Convalescent Home:</i>		
Matron . . . . .	1	
Head nurse . . . . .	1	
	—	2
Total . . . . .		<u>232</u>

Thirty-eight pupils have graduated during the year and eighty-four probationers have been admitted. Thirty-five pupils have completed their obstetrical training and fourteen are now taking the course. Fifty-four pupils from affiliated schools have completed courses of from three to six months.

The Superintendent of Nurses and her assistants have given 195 class recitations at the hospital proper and 128 at the South Department. Miss Frances E. Morley, who commenced her duties as a full time instructor October, 1915, has given 162 class and laboratory periods. The Instructor of Probationers has held daily demonstrations and drills in the practice room and class instruction in the school room.

The school has received thirty-two lectures on Friday afternoons from members of the medical, surgical, neurological, dermatological, gynæcological and pathological staffs. The senior pupils have attended six medical clinics given by Dr. William H. Robey, two surgical clinics given by Dr. David D. Scannell and have had six periods in bacteriology conducted by Dr. George S. Graham. During the last two terms, Dr. Martin J. English and Dr. James P. O'Hare have instructed pupils in laboratory work in the laboratory of the Medical Out-Patient Department. Miss Anna L. Gibson has held eleven classes in Laboratory Technique for the head nurses at the South Department. Dr. William F. Dolan has held twenty-one surgical clinics for the senior pupils. Miss Delamere has conducted fifty-one classes in operating room technique. Mrs. Gulli J. Callowhill has given fifty-eight lessons in massage to the junior nurses. Miss Lydia Lee, the dietitian, conducted twenty-eight cooking classes for probationers, fifty-five cooking classes and twelve classes in advanced dietetics for the pupils. Fifteen pupils have had practical experience in the diet kitchen.

Five new microscopes with the full equipment for laboratory work in bacteriology, chemistry and urinalysis have been purchased for the Training School.

The seventh public graduating exercises of the Training School for Nurses were held in the Surgical Out-Patient Department May 28, 1915. Dr. David D. Scannell gave the address and Dr. Dowling presented the diplomas. Following the exercises a reception was held in the Vose House.

#### CHANGES IN THE EXECUTIVE DEPARTMENT.

In April, Frank H. Holt, M. D., Assistant Superintendent, resigned to become Superintendent of the Michael Reese Hospital in Chicago. Edmund W. Wilson, M. D., First Executive Assistant, was then made Assistant

Superintendent, and James W. Manary, M. D., Second Executive Assistant, was appointed First Executive Assistant.

Walter T. Garfield, M. D., was appointed Second Executive Assistant.

In June, George E. Allen, M. D., was permanently appointed Night Executive Assistant.

John M. Thompson, M. D., was appointed Executive Assistant.

The new position of Resident Surgeon for the surgical floor was created, William F. Dolan, M. D., being appointed to fill it.

In June, the following appointments on the Pathological Staff were made for a period of one year, on account of the proposed investigation of scarlet fever and measles:

George S. Graham, M. D., First Assistant in Pathology, to be Second Assistant Pathologist.

Leroy U. Gardner, M. D., Senior Interne in Pathology, to be First Assistant in Pathology.

Ward H. Cook, M. D., to be Second Assistant in Pathology.

Edgar M. Medlar, M. D., Second Assistant in Pathology, to be Research Assistant in Pathology.

Martin J. English, M. D., Assistant Physician at the South Department, resigned, his resignation taking effect August 31. Percy J. Look, M. D., Assistant Physician, resigned in June. Eli Friedman, M. D., was then appointed Assistant Physician. In December James A. Keenan, M. D., was appointed Assistant Physician.

Francis T. Jantzen, M. D., Resident Surgeon at the Haymarket Square Relief Station, resigned, the same taking effect March 1, and Somers Fraser, M. D., Resident Surgeon at the East Boston Relief Station, was appointed to the position.

Edward B. Sheehan, M. D., served three months as Resident Surgeon at the East Boston Relief Station.

I desire to express my sincere gratitude to the trustees, the staff, the executive force, and every one connected with the hospital. Their generous support and kindly spirit of coöperation will account for anything that has been accomplished during the past year.

JOHN J. DOWLING,  
*Superintendent and Medical Director.*

## MEDICAL AND SURGICAL STATISTICS.

## MEDICAL DISEASES.

From February 1, 1915, to January 31, 1916, Inclusive.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
SPECIFIC INFECTIOUS DISEASES.											
Typhoid Fever.....	11	108	62	170	81	74	8	....	11	174	7
Paratyphoid Fever.....	....	1	2	3	3	....	....	....	....	3	....
Typhus Fever.....	....	1	....	1	1	....	....	....	....	1	....
Pneumonia.....	21	430	188	618	196	187	12	....	230	625	14
Diphtheria.....	....	4	4	8	....	....	6	2	....	8	....
Scarlet Fever.....	....	9	5	14	1	....	12	1	....	14	....
Measles.....	....	1	....	1	....	....	1	....	....	1	....
Rötheln.....	....	....	1	1	....	1	....	....	....	1	....
Pertussis.....	....	4	2	6	2	4	....	....	....	6	....
Erysipelas.....	12	98	74	172	78	80	5	1	12	176	8
Malarial Fever, Tertian.....	....	13	1	14	4	10	....	....	....	14	....
Tuberculosis (see Special Organs).....	....	10	1	11	....	2	4	....	5	11	....
Disseminated Tuberculosis...	....	6	....	6	....	....	....	....	6	6	....
Influenza.....	1	61	42	103	60	33	1	....	....	94	10
Febricula.....	....	8	2	10	2	8	....	....	....	10	....
Septicæmia.....	....	3	3	6	....	1	....	....	5	6	....
Gonorrhœal Infection.....	....	3	....	3	....	2	1	....	....	3	....
Syphilis.....	....	35	26	61	....	41	11	....	5	57	4
“ Hereditary.....	....	3	1	4	....	3	....	....	1	4	....
Cerebrospinal Fever.....	....	1	1	2	1	....	....	....	1	2	....
Hydrophobia.....	....	1	....	1	....	1	....	....	....	1	....
Typhoid Vaccination.....	1	....	5	5	5	1	....	....	....	6	....
CONSTITUTIONAL DISEASES.											
Carcinomatosis.....	2	....	....	....	....	2	....	....	....	2	....
Rachitis.....	....	1	2	3	1	1	1	....	....	3	....

## MEDICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Scurvy.....		2		2		2				2	
Diabetes Mellitus.....	1	22	26	48		35	6		7	48	1
Obesity.....		1	1	2		2				2	
DISEASES OF THE RESPIRATORY SYSTEM.											
Rhinitis.....		2	3	5	1	4				5	
Acute Pharyngitis.....		8	11	19	1	17				18	1
Tonsillitis.....	6	59	62	121	53	66	7			126	1
Quinsy.....		3	2	5	2	1	2			5	
Acute Laryngitis.....		3	13	16	4	10	2			16	
Sinusitis.....		1	2	3	1	2				3	
Vincent's Angina.....		1		1		1				1	
OF THE BRONCHI.											
Bronchitis.....	8	72	70	142	33	111				144	6
Broncho-Pneumonia.....	3	30	31	61	20	19	5		17	61	3
Asthma.....	1	18	13	31	1	26	2		2	31	1
OF THE LUNG.											
Tuberculosis.....	21	176	81	257		139	77	3	52	271	7
Hæmoptysis.....	1	1	1	2		2			1	3	
Emphysema.....		7	1	8		5			2	7	1
Abscess.....		1	3	4		1			3	4	
Gangrene.....		1		1					1	1	
New Growths.....	2	1	1	2		1	3			4	
Pulmonary Embolus.....			2	2					2	2	
Œdema.....		1		1					1	1	
OF THE PLEURA.											
Pleurisy.....	4	75	21	96	5	90	5			100	
Empyæma.....	1	32	7	39		1	33		5	39	
Pneumothorax.....		1		1		1				1	
New Growths.....		2	1	3					3	3	
Hemothorax.....		2		2		1	1			2	
Hydropneumothorax.....			1	1		1				1	
Pleurodynia.....			1	1	1					1	



MEDICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
DISEASES OF THE CIRCULATORY SYSTEM.											
OF THE HEART AND ITS MEMBRANES.											
Pericarditis.....	2	18	6	24	....	12	2	....	10	24	2
Mediastinitis.....	...	2	....	2	...	2	...	...	...	2	...
Acute Endocarditis.....	24	152	151	303	...	202	21	...	83	306	21
Myocardial Disease.....	7	115	66	181	1	110	4	....	60	175	13
Aneurism.....	...	2	1	3	...	...	...	...	2	2	1
Tachycardia.....	...	1	....	1	1	...	...	...	...	1	...
Angina Pectoris.....	...	4	2	6	...	6	...	...	...	6	...
Acute Dilatation of Heart...	....	....	1	1	....	....	....	....	1	1	....
Heart Block.....	....	....	1	1	...	1	...	...	...	1	...
OF THE BLOOD VESSELS.											
Arteriosclerosis.....	3	46	20	66	1	45	16	....	4	66	3
Arterial Embolism.....	...	1	....	1	...	...	...	...	1	1	...
Aneurism, Thoracic.....	1	8	1	9	...	4	2	...	4	10	...
Aneurism, Abdominal.....	...	1	....	1	....	....	....	....	1	1	....
Aortitis.....	...	4	....	4	....	2	1	...	1	4	....
Phlebitis.....	....	....	3	3	....	2	1	....	...	3	....
Varicose Veins.....	....	1	2	3	...	3	...	...	...	3	....
Other diseases.....	....	3	1	4	...	1	3	....	...	4	....
DISEASES OF THE BLOOD AND DUCTLESS GLANDS.											
Chlorosis.....	....	....	1	1	1	....	....	....	....	1	....
Pernicious Anæmia.....	1	7	9	16	...	4	7	....	4	15	2
Anæmia (Secondary).....	1	3	2	5	....	4	1	....	...	5	1
Splenic Anæmia.....	...	1	....	1	....	....	1	....	...	1	....
Hæmophilia.....	...	1	....	1	...	1	...	...	...	1	...
Purpura Hæmorrhagica.....	....	1	1	2	1	1	....	....	...	2	....
Leukæmia.....	....	4	3	7	....	2	1	...	3	6	1
Hodgkin's Disease.....	....	2	....	2	....	....	....	....	2	2	....
Addison's Disease.....	1	....	1	1	....	....	....	....	2	2	....
New Growth of Thyroid.....	....	....	2	2	...	...	2	...	...	2	....
Goitre.....	....	....	1	1	...	1	...	...	...	1	....

## MEDICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Exophthalmic Goitre.....		3	3	6	...	5	1	...	...	6	...
Myxœdema.....			3	3	...	...	3	...	...	3	...
Polycythemia.....			1	1	...	1	...	...	...	1	...
Other diseases.....		1	2	3	...	1	1	...	1	3	...
DISEASES OF THE DIGESTIVE ORGANS.											
Stomatitis.....	1	1	3	4	1	4	...	...	...	5	...
Noma.....			1	1	...	...	...	...	1	1	...
OF THE ŒSOPHAGUS.											
New Growth.....		5	3	8	...	...	5	...	3	8	...
Stricture.....		4	...	4	...	...	4	...	...	4	...
Ulcer.....		1	...	1	...	1	...	...	...	1	...
Cardiospasm.....		1	1	2	...	2	...	...	...	2	...
OF THE STOMACH.											
Gastritis.....	2	12	13	25	1	17	7	...	...	25	2
Catarrhal Gastritis.....		1	...	1	...	1	...	...	...	1	...
Gastric Atrophy.....	1	2	8	10	5	5	...	...	...	10	1
Dilatation.....		1	...	1	...	1	...	...	...	1	...
Improper Feeding.....		1	1	2	...	2	...	...	...	2	...
Ulcer, Gastric or Duodenal..	4	16	16	32	1	24	8	1	1	35	1
Cancer.....		22	15	37	...	4	16	...	13	33	4
Hypertrophic Stenosis of Pylorus.....	1	1	...	1	...	1	1	...	...	2	...
Gastroptosis.....			2	2	...	2	...	...	...	2	...
Gastroduodenitis.....			3	3	...	3	...	...	...	3	...
Acute Dyspepsia.....		3	6	9	5	4	...	...	...	9	...
Hyperacidity.....		1	6	7	...	7	...	...	...	7	...
Neurosis.....	1	2	6	8	1	6	1	...	...	8	1
Other diseases.....			2	2	...	2	...	...	...	2	...
OF THE PANCREAS.											
New Growth.....		2	3	5	...	...	...	...	5	5	...
OF THE INTESTINES.											
Catarrhal Enteritis.....	1	7	5	12	6	6	1	...	...	13	...
Diarrhœa.....		2	2	4	2	2	...	...	...	4	...

## MEDICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Cholera Morbus.....			1	1					1	1	
Habitual Constipation.....	1	21	26	47	5	41	2			48	
Intussusception.....		1		1		1				1	
Colitis.....		1		1		1				1	
Entero-colitis.....		1		1			1			1	
Appendicitis.....		11	6	17		4	13			17	
Mucous Colitis.....		11	10	21	1	16			4	21	
Gastro-enteritis.....		4	10	14		13			1	14	
New Growth.....	1	5	6	11		1	10		1	12	
Other diseases.....		3	1	4	2		2			4	
OF THE LIVER, BILE-DUCTS AND PORTAL VEIN.											
Acute Catarrhal Angio- cholitis.....		9	3	12	1	9	2			12	
Cholecystitis.....		1	13	14	1	13				14	
Gall-stones.....		1	10	11		4	7			11	
Perihepatitis.....		1	2	3		2	1			3	
Abscess of Liver.....		1	1	2			1		1	2	
Chronic Interstitial Hepati- tis.....	4	39	13	52		39	6		11	56	
New Growth.....	1	6	1	7		2	4		2	8	
Cirrhosis.....		7	2	9		3	1		2	6	3
Catarrhal Jaundice.....		1		1							1
OF THE PERITONEUM.											
Acute Peritonitis.....			2	2			1		1	2	
Chronic Peritonitis.....			1	1		1				1	
Tubercular Peritonitis.....	3	3	6	9		4	7			11	1
New Growths.....		1		1		1				1	
Ascites.....			1	1		1				1	
DISEASES OF THE URINARY SYSTEM.											
OF THE KIDNEY, PELVIS OF KIDNEY AND BLADDER.											
Nephritis.....	8	127	65	192	2	95	17		71	185	15
Interstitial Nephritis.....	5	71	35	106		66	5		32	103	8

## MEDICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Hæmaturia.....		1		1			1			1	...
Pyelonephritis.....		1		1					1	1	...
Tuberculosis.....		1	1	2			2			2	...
Hydronephrosis.....		1		1			1			1	...
Pyelitis, Chronic.....	2	3	10	13	2	10	3			15	...
Renal Calculus.....		5		5		2	3			5	...
Perinephritic Abscess.....		2		2				2		2	...
New Growth.....	1	1	1	2			3			3	...
Movable Kidney.....			2	2		2				2	...
Acute Cystitis.....	1	1	5	6		7				7	...
New Growths of Bladder.....		1		1			1			1	...
Enuresis.....			1	1		1				1	...
Other diseases.....		2	2	4		2	2			4	...
DISEASES OF THE JOINTS.											
Atrophic Arthritis (Rheumatoid Arthritis).....	1	6	8	14		12	2			14	1
Hypertrophic Arthritis (Osteo-arthritis).....	1	10	12	22		17	4			21	2
Infectious Arthritis.....	23	172	126	298	30	239	30		1	300	21
Arthritis due to other Disturbances of Metabolism.....		1	1	2		2				2	...
Sacro-iliac.....		2	3	5	1	2	2			5	...
DISEASES DUE TO ANIMAL PARASITES.											
Tænia.....		5	3	8	2	4	2			8	...
Trichiniasis.....	1		1	1		2				2	...
Filariasis.....		1		1		1				1	...
POISONS.											
Aconite.....			1	1		1				1	...
Alcohol.....	8	345	98	443	75	321	14	1	29	440	11
Arsenic.....		2	1	3	1	2				3	...
Brass.....		1		1			1			1	...
Carbon Dioxide.....		1		1		1				1	...
Chloroform.....			1	1	1					1	...
Cresolin.....			1	1		1				1	...

## MEDICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Hydrochloric Acid.....		1		1		1				1	
Hyoscin.....		1	1	2		2				2	
Illuminating Gas.....	1	31	8	39	13	23			4	40	
Iodine.....		1	2	3	2	1				3	
Lead.....		11		11		9	1		1	11	
Mercury.....	1	8	21	29	8	16	2	1	3	30	
Nitrous Oxide.....			1	1	1					1	
Opium or Morphine.....		8	5	13	2	8	1		2	13	
Opium Habit.....		6	9	15		10	3			13	2
Oxalic Acid.....			2	2		2				2	
Paraldehyde.....		1		1					1	1	
Potassium.....			1	1		1				1	
Serum.....		1	3	4	1	3				4	
Strychnia.....		2		2	1	1				2	
Sulpho-naphthol.....		5	10	15	5	8	1		1	15	
Tobacco.....		1		1		1				1	
Turpentine.....			1	1	1					1	
Zinc.....		1	1	2		2				2	
Food Poisoning.....		5	3	8	4	4				8	
Unknown.....		1	1	2					2	2	
MISCELLANEOUS.											
Convulsions.....		2		2		2				2	
Debility.....	3	9	19	28		28	1			29	2
Exposure.....		1		1		1				1	
Immersion.....		5	2	7	3	4				7	
Insolation and Heat Pros- tration.....		14	4	18	2	15	1			18	
Malingering.....		1	1	2	1	1				2	
Infancy.....	3	1	4	5	5	3				8	
Senility.....		13	12	25		11	5		7	23	2
No disease.....	1	15	19	34	31	2		1		34	1
No diagnosis.....		4	6	10	1	4	2	1	2	10	
Malnutrition.....		7	4	11		8	1		2	11	
Acidosis.....			1	1		1				1	
Syncope.....		4	4	8		6	2			8	

## MEDICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Surgical Diseases.....	.....	47	43	99	5	35	49	....	1	90	....
Gynæcological Diseases.....	.....		36	36	1	14	18	1	2	36	....
Diseases of the Ear and Throat.....	.....	7	3	10	1	5	3	1	....	10	....
DISEASES OF THE SKIN.											
Dermatitis.....	.....		4	4		1	3			4	....
Eczema.....	.....	1		1			1			1	....
Herpes Zoster.....	.....	2	1	3	1	2				3	....
Scabies.....	.....	1		1	1					1	....
Erythema Nodosum.....	.....	2		2	2					2	....
Erythema Multiforme.....	.....	1		1		1				1	....
Pediculosis.....	.....	1		1		1				1	....
Psoriasis.....	.....	1	1	2		1	1			2	....
DISEASES OF THE MUSCLES.											
Injury (including Strain).....	.....	1		1		1				1	....
Myalgia.....	.....		1	1		1				1	....
Dermatomyositis.....	.....	1		1			1			1	....
DISEASES OF THE PERIPHERAL NERVES.											
Neuralgia.....	.....	8	4	12		12				12	....
Multiple neuritis.....	.....	8	5	13	1	7	5			13	....
Paræsthesia.....	.....		1	1			1			1	....
Angioneurotic œdema.....	.....	1		1		1				1	....
DISEASES OF THE SPINE.											
Arthritis.....	.....	1	1	2		1	1			2	....
Caries.....	1						1			1	....
Fracture.....	.....	2		2			1		1	2	....
Tumor.....	.....	2		2			1		1	2	....
DISEASES OF THE SPINAL CORD.											
Caisson disease.....	.....	5		5	1	4				5	....
Meningitis.....	.....	3		3					3	3	....



## MEDICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Multiple sclerosis.....	...	1	.....	1	...	1	...	...	...	1	...
Syphilis.....	...	1	.....	1	...	...	1	...	...	1	...
Syringomyelia.....	...	.....	1	1	...	...	...	...	...	...	1
Tabes dorsalis.....	...	5	2	7	...	7	...	...	...	7	...
Other diseases.....	...	3	.....	3	...	...	2	1	...	3	...
DISEASES OF THE BRAIN.											
General Cerebral Affections:											
Aphasia.....	...	1	.....	1	...	1	...	...	...	1	...
Arterio-sclerosis.....	...	1	2	3	...	1	1	...	1	3	...
Encephalitis (non-suppurative).....	...	.....	1	1	...	...	...	...	1	1	...
General Paralysis (Paretic Dementia).....	...	4	1	5	...	1	3	...	1	5	...
Hæmorrhage.....	...	3	9	12	...	...	2	...	10	12	...
Hemiplegic States.....	2	8	4	12	...	5	4	...	5	14	...
Meningitis, epidemic cerebro-spinal.....	...	1	1	2	...	...	...	...	2	2	...
Meningitis, Purulent.....	...	3	3	6	...	1	...	...	5	6	...
“ Tubercular.....	...	15	8	23	...	...	1	...	19	20	3
“ Other Forms.....	...	5	1	6	1	...	...	...	5	6	...
Edema.....	...	3	2	5	...	2	...	...	3	5	...
Syphilis.....	...	4	2	6	...	1	3	...	2	6	...
Tumor.....	...	1	1	2	...	...	1	...	1	2	...
Mental Affections:											
Amentia (confusional insanity).....	...	2	.....	2	...	1	1	...	...	2	...
Dementia Præcox.....	...	2	4	6	...	3	3	...	...	6	...
Dementia Præcox, Katatonic form.....	...	2	1	3	...	...	3	...	...	3	...
Dementia Præcox, Paranoid Form.....	...	.....	2	2	...	2	...	...	...	2	...
Feeble-minded.....	...	.....	1	1	...	1	...	...	...	1	...
Manic-depressive insanity.....	...	1	.....	1	...	...	...	...	...	...	1
Senile Dementia.....	...	.....	6	6	...	3	3	...	...	6	...
Other diseases.....	...	1	4	5	...	2	3	...	...	5	...

MEDICAL DISEASES.—*Concluded.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
NEUROSIS AND CONDITIONS WITHOUT RECOGNIZED PATHOLOGY.											
Cephalalgia.....			1	1		1				1	
Chorea.....	1	2	1	3		4				4	
Eclampsia.....			1	1	1					1	
Epilepsy.....		14	3	17		11	6			17	
Hysteria.....		1	8	9		7	2			9	
Hiccough.....		1		1		1				1	
Migraine.....			7	7		7				7	
Neurasthenia.....	1	5	9	14		14		1		15	
Paralysis agitans.....		1		1		1				1	
Prematurity.....		1		1					1	1	
Traumatic neuroses.....			1	1		1				1	
Vertigo.....		1		1		1				1	
Totals.....	222	3,028	1,981	5,009	804	2,784	611	18	821	5,038	193

## SURGICAL DISEASES.

From February 1, 1915, to January 31, 1916, inclusive.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
GENERAL INJURIES.											
Contusions.....		36	18	54	....	52	....	....	2	54	....
Wounds.....	9	251	90	341	....	342	....	....	4	346	4
Gunshot.....	1	28	7	35	....	29	....	....	6	35	1
Amputations.....		3	1	4	....	3	....	....	1	4	....
Multiple Injuries.....	4	57	22	79	....	54	....	....	26	80	3
GENERAL DISEASES.											
Abscesses.....		5	3	8	....	8	....	....	....	8	....
Septicæmia.....	1	12	5	17	....	2	....	....	16	18	....
Pyæmia.....		....	2	2	....	....	....	....	1	1	1
Infection with Gas Bacillus..		6	1	7	....	3	....	....	3	6	1
Tetanus.....		2	....	2	....	....	....	....	2	2	....
Anthrax.....		2	....	2	....	1	....	....	1	2	....
Gonorrhœal Septicæmia.....		1	....	1	....	1	....	....	....	1	....
Mixed Infection.....		2	....	2	....	2	....	....	....	2	....
Septic Processes.....	6	74	11	85	....	90	....	....	1	91	....
Tuberculosis.....		4	6	10	....	6	....	....	3	9	1
Syphilis.....		11	5	16	....	7	8	....	1	16	....
Actinomycosis.....		5	....	5	....	3	1	....	1	5	....
SKIN.											
Wounds.....		75	14	89	....	86	1	....	....	87	2
Burns.....	11	62	47	109	....	89	1	....	26	116	4
Frost-bite, &c.....	2	5	....	5	....	6	....	....	1	7	....
Painful Scars.....		1	....	1	....	1	....	....	....	1	....
Contracted Scars.....	1	4	3	7	....	7	1	....	....	8	....
Skin Grafts.....		2	....	2	....	2	....	....	....	2	....
Ulcer.....	3	17	17	34	....	31	1	....	2	34	3

SURGICAL DISEASES.— *Continued.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Dermatitis.....		6	2	8	....	5	3	....	....	8	....
Furunculosis.....		28	26	54	1	52	1	....	....	54	....
Carbuncle.....	3	55	11	66	....	65	....	....	3	68	1
Erysipelas.....	1	15	5	20	1	17	....	....	1	19	2
Erysipeloid.....		1	....	1	....	1	....	....	....	1	....
Actinomycosis.....		1	....	1	....	1	....	....	....	1	....
Verruca.....		1	....	1	....	1	....	....	....	1	....
Sebaceous Cysts.....		2	....	2	....	2	....	....	....	2	....
Keloid.....	1	2	....	2	....	3	....	....	....	3	....
Epidermoid Cancer.....		3	3	6	....	4	2	....	....	6	....
Rodent Ulcer.....		1	1	2	....	2	....	....	....	2	....
Pilo-nidal Sinus.....		6	1	7	....	7	....	....	....	7	....
Nails:											
Paronychia.....		....	3	3	....	3	....	....	....	3	....
Ingrowing Toe Nail.....		2	1	3	....	3	....	....	....	3	....
MUSCLES, TENDONS AND FASCLE.											
Muscles:											
Wounds, Contusions, etc.....		6	1	7	....	7	....	....	....	7	....
Foreign Bodies in.....		....	2	2	....	2	....	....	....	2	....
Myositis.....		....	3	3	1	2	....	....	....	3	....
New Growths.....		....	3	3	....	2	....	....	1	3	....
Tendons:											
Division, Rupture, etc.....	1	20	7	27	....	28	....	....	....	28	....
Teno-synovitis.....	1	3	3	6	....	7	....	....	....	7	....
Ganglion.....		....	2	2	....	2	....	....	....	2	....
Palmar Abscess.....		1	1	2	....	2	....	....	....	2	....
Septic Teno-synovitis.....		10	4	14	....	12	2	....	....	14	....
Tuberculosis of Tendon Sheaths.....		....	2	2	....	2	....	....	....	2	....
Dupuytren's Contraction.....		3	....	3	....	2	....	1	....	3	....
Hammer Toe.....		2	1	3	....	3	....	....	....	3	....
BURSÆ.											
Bursitis.....	1	22	22	44	....	44	....	....	....	44	1

## SURGICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
BONES AND JOINTS.											
Fractures, Simple:											
Skull.....		5	4	9	....	3	1	....	5	9	....
Vault.....		22	6	28	....	20	....	....	6	26	2
Base.....	1	43	9	52	....	20	2	....	28	50	3
Facial Bones.....		2	1	3	....	3	....	....	....	3	....
Jaw.....		10	1	11	....	11	....	....	....	11	....
Nose.....		4	....	4	....	3	....	....	....	3	1
Vertebræ.....		16	6	22	....	11	1	....	8	20	2
Ribs.....	1	37	11	48	....	47	1	....	....	48	1
Sternum.....		....	1	1	....	1	....	....	....	1	....
Clavicle.....		22	4	26	....	26	....	....	....	26	....
Scapula.....		7	....	7	....	7	....	....	....	7	....
Humerus.....	4	44	27	71	....	70	1	....	2	73	2
Radius.....		14	5	19	....	19	....	....	....	19	....
Colles' Fracture.....	2	17	11	28	....	28	....	....	1	29	1
Ulna.....		14	4	18	....	16	2	....	....	18	....
Both bones, forearm.....		15	3	18	....	18	....	....	....	18	....
Bones of hand.....		16	1	17	....	17	....	....	....	17	....
Pelvis.....	3	19	4	23	....	23	....	....	1	24	2
Femur.....	31	113	97	210	....	193	2	....	26	221	20
Patella.....	3	19	9	28	....	28	1	....	....	29	2
Tibia.....	5	48	19	67	....	70	....	....	....	70	2
Fibula.....	2	65	26	91	....	86	2	1	....	89	4
Pott's Fracture.....	3	88	36	124	....	119	....	....	2	121	6
Both bones of leg.....	8	86	29	115	....	114	....	....	1	115	8
Bones of foot.....	2	44	4	48	....	49	....	....	....	49	1
Fractures, Compound:											
Skull:											
Vault.....		14	2	16	....	10	....	....	6	16	....
Base.....		2	....	2	....	....	....	....	2	2	....
Jaw.....		3	....	3	....	2	....	1	....	3	....
Nose.....		1	....	1	....	1	....	....	....	1	....
Vertebræ.....		7	2	9	....	6	....	....	2	....	1

SURGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Ribs .....		5		5		5				5	
Clavicle .....		2		2		2				2	
Humerus .....		4	2	6		3				3	3
Radius .....		4	1	5		3				3	2
Ulna .....		2	3	5		5				5	
Both bones, forearm .....		6		6		6				6	
Bones of hand .....	1	4		4		5				5	
Femur .....	3	4	1	5		6			2	8	
Tibia .....	2	12	4	16		14			3	17	1
Fitula .....	1		1	1		2				2	
Pott's Fracture .....		2	2	4		2				2	2
Both bones of leg .....	7	21	4	25		23			2	25	7
Bones of foot .....		5		5		5				5	
Fractures, Ununited:											
Humerus .....		2	1	3		3				3	
Both bones of forearm .....		2		2		2				2	
Femur .....		2		2		1	1			2	
Tibia .....		1		1		1				1	
Spine .....			1	1					1	1	
Fractures not otherwise classified .....		3		3		2	1			3	
Dislocations, Simple:											
Jaw .....		1		1		1				1	
Vertebrae .....		3		3		2			1	3	
Clavicle .....		3	1	4		4				4	
Humerus .....	1	10	6	16		14	2			16	1
Elbow joint .....		5	1	6		6				6	
Metacarpus .....		1	2	3		2		1		3	
Phalanges .....		2		2		2				2	
Hip .....		1		1		1				1	
Knee .....		4		4		4				4	
Ankle .....		2		2		2				2	
Cartilage:											
Of Knee Semilunar .....		7		7		6	1			7	



SURGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Dislocations, Compound:											
Carpus .....			1	1		1				1	
Hip .....		1		1		1				1	
Knee .....		1		1		1				1	
Ankle .....			1	1		1				1	
Tarsus .....		1		1		1				1	
Phalanges .....	1					1				1	
Sprains .....	1	46	23	69		68	2			70	
Contusions .....		12	1	13		13				13	
Acute Synovitis .....	1	13	6	19		20				20	
Hæmarthrosis .....		1	1	2		2				2	
GENERAL DISEASES.											
Rheumatoid Arthritis .....		5	2	7		6	1			7	
Periostitis .....		6	5	11		11				11	
Osteomyelitis .....	4	54	9	63		60	1		4	65	2
Suppurative Arthritis .....	1	7	2	9		9				9	1
Myositis Ossificans .....		1		1		1				1	
Tuberculosis .....	1	25	10	35		30			4	34	2
Necrosis .....		2		2		2				2	
Syphilis .....	2	2		2		4				4	
Rheumatism .....	3	9	1	10		11	1	1		13	
Charcot's Disease .....		4		4		4				4	
Chronic Arthritis .....		1	3	4		3	1			4	
Foreign Bodies in Joints .....		2		2		2				2	
Anchylosis .....		5	4	9		8	1			9	
Fibroma .....	2					2				2	
Osteoma .....			1	1		1				1	
Sarcoma .....	1	8		8		8	1			9	
Cancer .....		3		3			2		1	3	
Congenital Defects of Bones,			1	1					1	1	
Bow Legs .....			1	1		1				1	
Web Fingers .....		1		1		1				1	
Supernumerary Digits .....			1	1		1				1	
Pes Valgus .....		1	3	4		3				3	1

SURGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
BLOOD SYSTEM.											
Wounds.....		5	2	7	....	5	1	....	1	7	....
Pericarditis.....		1	....	1	....	....	1	....	....	1	....
Phlebitis.....	1	3	11	14	....	13	2	....	....	15	....
Septic Embolism.....		....	1	1	....	....	....	....	1	1	....
Embolism.....		4	1	5	....	1	....	....	4	5	....
Varicose Veins.....		38	40	78	....	75	....	....	....	75	3
Gangrene.....		25	4	29	....	19	....	....	9	28	1
LYMPHATIC SYSTEM.											
Lymphatic Vessels:											
Lymphangitis.....	8	220	103	323	....	301	....	....	8	309	22
Elephantiasis.....		....	2	2	....	....	....	2	....	2	....
Lymph Nodes:											
Noditis.....	4	33	21	54	....	51	1	....	3	55	3
Tuberculosis.....		3	4	7	....	5	1	....	....	6	1
Sarcoma.....		1	1	2	....	....	....	....	2	2	....
Cancer.....		3	....	3	....	2	1	....	....	3	....
Lymphoma.....		1	....	1	....	1	....	....	....	1	....
Spleen:											
Wounds.....		....	1	1	....	....	....	....	1	1	....
Leukæmia.....		2	....	2	....	1	1	....	....	2	....
Tumors.....		....	1	1	....	1	....	....	....	1	....
Other diseases.....		4	....	4	....	4	....	....	....	4	....
DUCTLESS GLANDS.											
Thyroid Gland:											
Hyperplasia.....		....	1	1	....	1	....	....	....	1	....
Exophthalmic Goitre.....	1	....	10	10	....	9	1	....	1	11	....
Adenoma.....		....	3	3	....	3	....	....	....	3	....
Cyst-adenoma.....		....	1	1	....	1	....	....	....	1	....
Cancer.....		....	1	1	....	....	1	....	....	1	....
NERVOUS SYSTEM.											
Brain:											
Contusion.....		27	5	32	....	26	2	....	2	30	2

SURGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Œdema .....		2		2					2	2	
Concussion .....	2	22	4	26		26			2	28	
Compression from Frac- ture .....		1		1		1				1	
Abscess .....			1	1					1	1	
Suppurative Meningitis .....		1		1					1	1	
Tuberculosis .....		1	1	2		1	1			2	
Syphilis .....	1	3		3		3	1			4	
Glioma .....	1		1	1		1	1			2	
Not otherwise classified .....		2		2		1	1			2	
Spinal Cord:.											
Compression from Hæm- orrhage .....		3		3		3				3	
Glioma .....		2		2		1	1			2	
Peripheral Nerves:											
Laceration .....		2		2		1	1			2	
Compression .....		1		1				1		1	
Traumatic Neuritis .....			1	1			1			1	
Neuralgia .....		1	5	6		6				6	
RESPIRATORY SYSTEM.											
Nose:											
Cancer .....		1		1		1				1	
Antrum and Accessory Sinuses:											
Empyæma .....		1		1		1				1	
Larynx:											
Œdema .....		1		1					1	1	
Trachea:											
Wounds .....		2		2		2				2	
Lungs:											
Wounds .....		1		1		1				1	
Abscess .....		1	1	2		1	1			2	
Pneumonia .....			1	1					1	1	
Tuberculosis .....		3	2	5		3	1	1		5	
Pleuræ:											
Wounds .....		1		1		1				1	

SURGICAL DISEASES.— *Continued.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Pleuritis.....		4	2	6	....	5	1	....	....	6	....
Empyæma.....	4	62	23	85	....	60	2	....	15	77	12
Hæmothorax.....		1	....	1	....	....	....	....	1	1	....
Pyo-pneumothorax.....		1	....	1	....	1	....	....	....	1	....
Tuberculosis.....		....	1	1	....	....	1	....	....	1	....
Sarcoma.....		1	....	1	....	....	1	....	....	1	....
DIGESTIVE SYSTEM.											
Mouth:											
Alveolar Abscess.....		9	7	16	....	16	....	....	....	16	....
Stomatitis.....		2	....	2	....	....	2	....	....	2	....
Gingivitis.....		1	....	1	....	1	....	....	....	1	....
Cancer.....		1	1	2	....	....	1	....	1	2	....
Epulis.....		1	1	2	....	2	....	....	....	2	....
Cleft Palate, Harelip.....		1	....	1	....	1	....	....	....	1	....
Tonsil:											
Peritonsillar Abscess.....		2	1	3	....	2	....	....	1	3	....
Hypertrophy.....		1	....	1	....	1	....	....	....	1	....
Parotid, Submaxillary and other Salivary Glands:											
Mixed Tumor.....		3	....	3	....	....	3	....	....	3	....
Sarcoma.....		....	1	1	....	1	....	....	....	1	....
Tongue:											
Sublingual Abscess.....		1	....	1	....	1	....	....	....	1	....
Epidermoid Cancer.....		3	2	5	....	4	....	....	1	5	....
Pharynx and Soft Palate:											
Retropharyngeal Abscess..		....	1	1	....	1	....	....	....	1	....
Cancer.....		2	....	2	....	....	2	....	....	2	....
Oesophagus:											
Wounds.....		1	....	1	....	....	....	....	1	1	....
Stricture.....		1	1	2	....	1	....	....	1	2	....
Cancer.....		6	2	8	....	2	2	2	2	8	....
Stomach:											
Ulcer.....	2	45	12	57	....	43	3	....	12	58	1
Pyloric Constriction.....		5	....	5	....	5	....	....	....	5	....

## SURGICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Gastroptosis.....			2	2		2				2	
Cancer.....	2	15	8	23		10	9		6	25	
Intestine:											
Wounds.....		1		1					1	1	
Rupture.....		1		1		1				1	
Ulcer of the Duodenum...	2	13	3	16		16			2	18	
Fæcal Fistula.....		2	2	4		1				1	3
Tubercular Stricture.....		1		1		1				1	
Foreign Bodies.....		2	2	4		3				3	1
Obstruction.....		19	13	32		11	1		15	27	5
Stricture.....		2	2	4					4	4	
Enteroliths.....			1	1					1	1	
Not otherwise classified...		4	5	9	1	7				8	1
Cancer.....	1	4	8	12		2	5		4	11	2
Appendix:											
Appendicitis.....	30	401	343	744		682	3	2	52	739	35
Mesentery:											
Thrombosis of Arteries or Veins.....			1	1					1	1	
Rectum and Anus:											
Wounds.....		3	1	4		3	1			4	
Fissures.....		3	2	5		5				5	
Ischio-rectal Abscess.....	2	59	27	86		82			2	84	4
Fistula.....		32	14	46		44				44	2
Ulcer.....			1	1			1			1	
Hæmorrhoids.....	3	101	41	142		137	2	1	2	142	3
Cancer.....	1	8	2	10		3	3		4	10	1
Stricture.....			1	1		1				1	
Imperforate Rectum.....		2		2		1			1	2	
Prolapse of Rectum.....		3	1	4		3		1		4	
Liver:											
Wounds.....			1	1		1				1	
Rupture.....		1		1					1	1	
Portal Phlebitis.....		1		1		1				1	
Subphrenic Abscess.....	1	1	1	2					3	3	

## SURGICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Syphilis.....		5		5			4	1		5	
Acute Yellow Atrophy....		1		1					1	1	
Cancer.....		3	2	5		1	3		1	5	
Cirrhosis.....		6		6			1	1	4	6	
Gall Bladder and Ducts:											
Cholecystitis.....	2	19	19	38		31	1		4	36	4
Gall Stones.....	2	17	57	74		60	1		11	72	4
Cancer of Gall Bladder....		1	1	2		1	1			2	
Cancer of Duct.....		1	1	2			1		1	2	
Other diseases.....		2	1	3		3				3	
Pancreas:											
Pancreatitis.....		2	3	5		3			2	5	
Cancer.....			1	1					1	1	
Peritoneum:											
Peritonitis.....		9	13	22		14	2		6	22	
Cancer.....			1	1			1			1	
Hernia:											
Inguinal.....	15	267	44	311		300	2	2	7	311	15
Femoral.....		4	10	14		11	1		2	14	
Umbilical.....		1	14	15		14			1	15	
Other varieties.....		7	7	14		9	2		2	13	1
URINARY SYSTEM, MALE AND FEMALE.											
Bladder:											
Cystitis.....	1	6	10	16		13			3	16	1
Calculus.....		5		5		3			1	4	1
Papilloma.....		2	1	3		3				3	
Cancer.....	1	6	2	8		3	3		3	9	
Other diseases.....		3		3		2	1			3	
Ureters:											
Calculus.....		4		4		3				3	1
Stricture.....			1	1		1				1	
Kidney:											
Contusions.....		2		2		2				2	
Rupture.....		1		1		1				1	



SURGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Pyelitis.....		12	8	20	....	17	2	1	....	20	....
Perinephritic Abscess.....		4	....	4	....	4	....	....	....	4	....
Hydronephrosis.....		3	....	3	....	2	....	....	1	3	....
Pyonephrosis.....		3	1	4	....	2	....	....	2	4	....
Calculus.....	1	10	3	13	....	8	1	2	2	13	1
Tuberculosis.....		2	....	2	....	....	1	....	1	2	....
Sarcoma.....		....	1	1	....	....	....	....	1	1	....
Cyst Adenoma.....		....	1	1	....	1	....	....	....	1	....
Movable Kidney.....		1	4	5	....	3	2	....	....	5	....
Other Diseases.....		2	9	11	....	7	3	1	....	11	....
GENITAL SYSTEM, MALE.											
Penis:											
Wounds.....		3	....	3	....	3	....	....	....	3	....
Sinus.....		1	....	1	....	1	....	....	....	1	....
Chancroid.....		2	....	2	....	2	....	....	....	2	....
Chancre.....		2	....	2	....	2	....	....	....	2	....
Cancer.....		1	....	1	....	1	....	....	....	1	....
Phimosis.....		14	....	14	....	14	....	....	....	14	....
Paraphimosis.....		2	....	2	....	2	....	....	....	2	....
Hypospadias.....		1	....	1	....	1	....	....	....	1	....
Epispadias.....		1	....	1	....	....	....	....	....	....	1
Urethra:											
Wounds.....		5	....	5	....	4	....	....	1	5	....
Rupture.....		2	....	2	....	2	....	....	....	2	....
Urethritis.....		1	....	1	....	1	....	....	....	1	....
Periurethral Abscess.....		8	....	8	....	7	....	....	1	8	....
Stricture.....	1	54	....	54	1	51	....	....	1	53	2
Extravasation of Urine.....		3	....	3	....	2	....	....	1	3	....
Prostate:											
Prostatitis.....	1	13	....	13	....	13	....	....	....	13	1
Abscess.....		11	....	11	....	8	....	....	....	8	3
Hypertrophy.....	3	62	....	62	1	27	3	2	23	56	9
Cancer.....		3	....	3	....	1	....	1	1	3	....
Sarcoma.....		1	....	1	....	....	1	....	....	1	....

SURGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Testicles:											
Contusions.....		4		4		3	1			4	
Orchitis.....		5		5		4	1			5	
Tuberculosis.....		3		3		3				3	
Gumma.....		1		1		1				1	
Sarcoma.....		2		2		2				2	
Undescended Testicle.....		7		7		6				6	1
Atrophy.....		1		1		1				1	
Epididymitis.....	6	65		65	1	67	1	1		70	1
Cord and Vas Deferens:											
Hydrocele.....		15		15	1	11			1	13	2
Varicocele.....		16		16		13		1		14	2
Seminal Vesicles:											
Vesiculitis.....		3		3		3				3	
Tunica Vaginalis:											
Hydrocele.....	1	12		12		12				12	1
Other diseases.....	1	7		7		8				8	
GENITAL SYSTEM, FEMALE.											
Vulva:											
Abscess of Labia.....			2	2		2				2	
Varicocele.....			3	3		2		1		3	
Cancer.....			1	1					1	1	
Cysts of Bartholini's Glands.....			1	1		1				1	
Vagina:											
Urethro-vaginal Fistula...			1	1			1			1	
Cystocele.....			1	1							1
Cancer.....			1	1		1				1	
Uterus:											
Endometritis.....			11	11		11				11	
Fibromyomata.....	1		17	17		15			1	16	2
Cancer.....			4	4			1		1	2	2
Anteflexion.....			1	1		1				1	

## SURGICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Retroversion.....			3	3	1	2				3	...
Retroflexion.....			2	2		2				2	...
Prolapse.....			1	1		1				1	...
Miscarriage.....			2	2		2				2	...
Pregnancy.....			1	1		1				1	...
Polyp.....			1	1		1				1	...
Cervix Uteri:											
Lacerations.....			2	2		2				2	...
Cancer.....			2	2		1	1			2	...
Fallopian Tubes:											
Salpingitis.....	2		55	55		52	1		1	54	3
Tubal Pregnancy.....			7	7		7				7	...
Ovaries:											
Ovaritis.....			1	1		1				1	...
Cysts.....	2		17	17		15			2	17	2
Pelvis:											
Pelvic Abscess.....			7	7		2			1	3	4
BREAST.											
Abscess.....	2		26	26		25				25	3
Mastitis.....			10	10		9				9	1
Adenoma.....			3	3		3				3	...
Papillary Adeno-cystoma.....			5	5		4	1			5	...
Cancer.....	1		27	27		24			2	26	2
TUMORS NOT OTHERWISE CLASSIFIED.											
Lipoma.....		6	7	13		12				12	1
Chondroma.....			1	1		1				1	...
Osteoma.....			1	1		1				1	...
Carcinoma.....		14	13	27		17	2	1	7	27	...
Myeloma.....		3		3		1	1			2	1
Adenoma.....			2	2		2				2	...
Adeno-carcinoma.....		2		2		2				2	...
Sarcoma.....		6	3	9		5	2		2	9	...
Mixed Tumors.....		7	1	8		6	1		1	8	...

SURGICAL DISEASES.—*Concluded.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
UNCLASSIFIED.											
Foreign Bodies.....		11	6	17	....	16	....	....	....	16	1
Exhaustion.....		3	1	4	....	1	....	....	3	4	....
Shock.....		5	1	6	....	3	....	....	2	5	1
Traumatic Apnœa.....		1	....	1	....	1	....	....	....	1	....
Poisoning by Drugs.....		1	2	3	....	2	....	....	1	3	....
Delirium Tremens.....		5	2	7	....	1	....	....	3	4	3
Medical Diseases.....	2	108	73	181	....	101	62	4	16	183	....
Transferred to other depart- ments.....		29	21	50	....	18	18	14	....	50	....
Malingering.....		1	....	1	....	1	....	....	....	1	....
Eloped.....		1	1	2	....	....	....	2	....	2	....
Not treated.....		2	1	3	....	....	....	3	....	3	....
No disease.....	1	16	14	30	16	14	1	....	....	31	....
No diagnosis.....		15	11	26	....	16	3	5	1	25	1
Infancy.....		3	1	4	4	....	....	....	....	4	....
Skin Donor.....		1	1	2	2	....	....	....	....	2	....
Observation.....		27	17	44	....	35	3	6	....	44	....
Totals.....	255	4,247	2,161	6,408	31	5,516	251	64	516	6,378	285

## SURGICAL OPERATIONS.

## ON HOUSE PATIENTS IN THE SURGICAL SERVICES.

From February 1, 1915, to January 31, 1916, Inclusive.

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
DRESSING OF WOUNDS. Including Cleansing, Cu- retting, Suturing, etc...	79	27	106	23	78	....	1	4	106	(Pneumonia, 6 days. Shock, 4 hours. Shock, 1 day. Toxæmia, 2 days.
Incision and Drainage.....	242	92	334	16	285	1	20	12	334	(Bronchopneumonia, 2 days. Diabetes, 5 days. Pneumonia, 1 week. Osteomyelitis, 2 weeks. Septicæmia, 3 days. Septicæmia, 4 days. Septicæmia, 12 days. Shock and Toxæmia, 1 day. Toxæmia, 12 hours. Toxæmia, 12 hours. Toxæmia, 1 day. Toxæmia, 1 day.
Excision of Tissue.....	43	42	85	1	79	....	3	2	85	(Exhaustion, 3 days. Toxæmia, 3 weeks.
Operations upon Skin and Appendages.....	27	10	37	....	36	....	1	....	37	
Operations upon Bones:										
Bone Plating and Re- moval of Bone Plates...	10	6	16	....	15	....	1	....	16	
For Fracture:										
<i>a.</i> Simple.....	81	26	107	5	83	1	16	2	107	(Bronchopneumonia, 2 days. Shock, 1 day.
<i>b.</i> Compound.....	45	14	59	4	40	....	6	9	59	(Embolism, on table. Gas Bacillus and Tox- æmia, 48 hours. Shock, 2 hours. Shock, 4 hours. Shock, 8 hours. Shock, 1 day. Septicæmia, 2 weeks. Septicæmia and Ex- haustion, 6 days. Tetanus, 9 days.
For Correction of De- formity.....	72	26	98	....	90	....	8	....	98	
For Osteomyelitis.....	9	4	13	....	12	....	....	1	13	(Bronchopneumonia, 3 days.

## SURGICAL OPERATIONS.—Continued.

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Trephining:										
a. Exploration.....	15	2	17	....	12	....	....	5	17	Shock, 2 hours. Shock, 12 hours. Shock, 15 hours. Shock, 1 day. Laceration of Brain, 2 days.
b. For Bony Lesions.....	16	5	21	....	14	....	....	7	21	Delirium Tremens, 4 days. Delirium Tremens 5 days. Hæmorrhage, few hours. Shock, 6 hours. Shock, 18 hours. Shock, 20 hours. Shock, 1 day.
c. For Brain Lesions.....	2	1	3	....	....	....	2	1	3	Shock, 1 hour.
d. For Gunshot Wounds..	1	....	1	....	....	....	....	1	1	Shock, 10 hours.
e. Upon Bones other than Skull.....	1	3	4	....	....	....	3	1	4	Exhaustion, 1 week.
Amputations:										
a. Finger or Toe.....	35	9	44	....	44	....	....	....	44	
b. Upper Extremity:										
Hand.....	1	....	1	....	1	....	....	....	1	
Arm.....	4	....	4	....	4	....	....	....	4	
c. Lower Extremity:										
Foot.....	3	....	3	....	2	....	1	....	3	Shock, 4 hours. Shock, 10 hours.
Leg.....	25	1	26	....	22	....	1	3	26	Shock and Hæmorrhage, 2 days.
Thigh.....	9	....	9	....	7	....	....	2	9	Cardiac, 3 days. Shock, 2 days.
Hip Joint.....	1	....	1	....	1	....	....	....	1	
Operations upon Joints and Ligaments:										
a. Reduction of Dislocation.....	13	6	19	....	19	....	....	....	19	
b. Incision and Drainage..	9	7	16	....	16	....	....	....	16	
c. Resection or Excision..	4	3	7	....	7	....	....	....	7	
d. Erasion.....	1	....	1	....	1	....	....	....	1	
e. Foreign Bodies.....	....	1	1	....	1	....	....	....	1	
f. Manipulation.....	4	4	8	....	8	....	....	....	8	
g. Tenotomy.....	1	....	1	....	1	....	....	....	1	
Operations upon Muscles and Tendons.....	11	7	18	....	18	....	....	....	18	



SURGICAL OPERATIONS.— *Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Operations upon Blood Vessels:										
<i>a.</i> Arterial:										
For Hæmorrhage....	2	.....	2	....	2	.....	.....	.....	2	
Ligation or Suture...	1	.....	1	....	1	.....	.....	.....	1	
<i>b.</i> Venous:										
For Hæmorrhage....	2	.....	2	....	1	.....	.....	1	2	{ Punctured Pleura, on table.
Ligation or Suture...	4	2	6	....	6	.....	.....	.....	6	
Dissection and Removal.....	19	24	43	....	37	1	5	.....	43	
Transfusion.....	4	3	7	....	6	.....	.....	1	7	Exhaustion, 12 days.
Operations upon Lymphatic System:										
<i>a.</i> Neck.....	28	21	49	....	45	1	2	1	49	Pneumonia, 3 days.
<i>b.</i> Axilla.....	7	7	14	....	14	.....	.....	.....	14	
<i>c.</i> Groin.....	6	5	11	....	11	.....	.....	.....	11	
Operations upon Nervous System:										
Cord.....	2	2	4	....	3	.....	.....	1	4	{ Acute Hydrocephalus, 15 days.
Peripheral.....	2	2	4	....	4	.....	.....	.....	4	
Operations upon Alimentary System, not involving Abdominal Section:										
<i>a.</i> Mouth, Tongue, Salivary Glands.....	6	7	13	....	12	1	.....	.....	13	
<i>b.</i> Œsophagus.....	.....	1	1	....	1	.....	.....	.....	1	
<i>c.</i> Rectum.....	32	20	52	....	49	2	.....	1	52	Inanition, 3 weeks.
<i>d.</i> Anus.....	4	.....	4	....	4	.....	.....	.....	4	
Fistula.....	33	12	45	....	44	.....	1	.....	45	
Hæmorrhoids.....	85	40	125	....	118	2	3	2	125	{ Embolism, 3 days. Retroperitoneal Hæmorrhage, 2 days.
Operations upon Respiratory System:										
Tonsils.....	1	.....	1	....	1	.....	.....	.....	1	
Trachea.....	1	.....	1	....	1	.....	.....	.....	1	
Lungs and Bronchi.....	18	10	28	....	21	.....	4	3	28	{ Septicæmia, 5 days. Toxæmia, 3 hours. Toxæmia, 48 hours.
Thorax.....	13	8	21	....	16	.....	2	3	21	{ Pneumonia, 4 weeks. Septicæmia, 10 weeks. Toxæmia and Exhaustion, 10 days.

## SURGICAL OPERATIONS.—Continued.

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Operations upon Urinary System:										
a. Male:										
Kidney.....	20	.....	20	.....	13	.....	1	6	20	Exhaustion, 4 days. Shock, 36 hours. Shock, 2 days. Shock, 1 week. Toxæmia, 3 days. Toxæmia, 5 days.
Ureter.....	2	.....	2	.....	1	.....	1	.....	2	
Bladder.....	31	.....	31	1	24	.....	2	4	31	Carcinoma, 4 days. Shock, 2 days. Shock, 2 days. Tuberculosis, 3 weeks.
Urethra.....	64	.....	64	.....	57	.....	3	4	64	Myocarditis, 7 days. Pneumonia, 3 weeks. Septicæmia, 4 days. Toxæmia, 12 hours.
b. Female:										
Kidney.....	.....	10	10	.....	8	1	.....	1	10	Corrosive Poisoning, 8 hours.
Bladder.....	.....	6	6	.....	6	.....	.....	.....	6	
Urethra.....	.....	2	2	.....	2	.....	.....	.....	2	
Operations upon Genital System, not Involving Abdominal Section:										
a. Male:										
Testicle.....	64	.....	64	.....	61	1	2	.....	64	Chronic Nephritis, 5 days. Exhaustion, 4 days. Embolism, 1 day. Myocarditis, 6 days. Pulmonary Embolism, 2½ hours. Septicæmia, 3 days. Shock, 2 days. Shock, 3 days. Shock, 6 days. Uræmia, 12 days. Uræmia, 2 weeks.
Prostate.....	55	.....	55	1	29	2	12	11	55	Septicæmia, 8 days.
Penis.....	21	.....	21	2	19	.....	.....	.....	21	
Scrotum.....	26	.....	26	3	22	.....	.....	1	26	
b. Female:										
Vagina.....	.....	1	1	.....	1	.....	.....	.....	1	
Vulva.....	.....	4	4	.....	4	.....	.....	.....	4	
Hernia;										
a. Inguinal.....	231	27	258	18	212	3	16	9	258	Broncho-pneumonia, 1 day. Cardiac Dilatation, few hours. Erysipelas and Pneumonia, 4 days. Pneumonia, 11 days. Septicæmia, 2 days. Toxæmia, 6 hours. Toxæmia, 6 hours. Toxæmia, 10 hours. Toxæmia, 12 hours.

SURGICAL OPERATIONS.—*Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
<i>b.</i> Femoral.....	4	15	19	....	17	....	....	2	19	Shock, 12 hours. Peritonitis, 4 days.
<i>c.</i> Umbilical.....	2	18	20	....	19	....	....	1	20	Pneumonia, 8 days.
<i>d.</i> Post Operative.....	3	5	8	2	6	....	....	....	8	
<i>e.</i> Other forms.....	3	6	9	....	9	....	....	....	9	
Operations upon Organs of Special Sense:										
Eye.....	1	....	1	1	....	....	....	....	1	
Nose.....	1	....	1	1	....	....	....	....	1	
Abdominal Section:										
<i>a.</i> Exploratory.....	40	30	70	....	55	3	1	11	70	Cancer of Intestines, 5 hours. Carcinoma, 7 days. Exhaustion, 2 weeks. General Peritonitis, 5 days. Shock, 6 hours. Shock, 10 hours. Shock, 12 hours. Shock, 15 hours. Shock, 2 days. Pneumonia, 5 days. Unknown, 3 weeks.
<i>b.</i> Stomach.....	40	16	56	....	40	1	4	11	56	Hæmorrhage, 1 day. Hæmorrhage, 2 days. Peritonitis, 1 hour. Peritonitis, 30 hours. Peritonitis, 1 day. Peritonitis, 3 days. Pulmonary Infarction, 3 weeks. Senility and Toxæmia, 3 days. Shock, 6 hours. Shock and Hæmorrhage, 8 hours. Toxæmia, 17 hours.
Gastro-enterostomy...	15	....	15	....	10	....	....	5	15	Embolism, 2 days. Exhaustion, 4 months. Toxæmia, 2 days. Toxæmia, 2 days. Toxæmia, 3 days.
<i>c.</i> Duodenum.....	1	....	1	....	1	....	....	....	1	
<i>d.</i> Small Intestine.....	12	11	23	1	9	....	3	10	23	Exhaustion, 3 days. Exhaustion and Toxæmia, 32 hours. Intussusception and Toxæmia, 2 days. Peritonitis, 12 hours. Shock, 1 day. Shock, 3 days. Toxæmia, 9 hours. Toxæmia, 12 hours. Toxæmia, 2 days. Toxæmia, 2 days.
<i>e.</i> Colon.....	8	10	18	....	13	....	1	4	18	Debility, 4 days. Intestinal Obstruction, 2 days. Shock, 8 hours. Shock, 1 day.

SURGICAL OPERATIONS.—*Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
<i>f. Appendix:</i>										
<i>a. Acute.....</i>	159	127	286	28	218	1	24	15	286	Abdominal Hæmorrhage, 11 days. Broncho-Pneumonia, 2 days. Cardiac Dilatation, 1 day. Peritonitis, 8 hours. Peritonitis, 1 day. Peritonitis, 1 day. Peritonitis, 2 days. Peritonitis, 2 days. Peritonitis, 4 days. Pneumonia, 12 hours. Pulmonary Infarction, 2 hours. Septicæmia, 3 days. Shock, 1 day. Shock, 2 days. Toxæmia, 4 hours.
Preperforative,	122	75	197	....	186	2	4	5	197	Acute Dilatation, 12 hours. Septicæmia, 2 days. Toxæmia, 5 days. Toxæmia, 6 days. Toxæmia, 10 days.
With localized abscess.....	102	52	154	10	135	....	3	6	154	Liver Abscess, 3 weeks Septicæmia, 2 days. Septicæmia, 5 days. Toxæmia, 2 days. Toxæmia, 2 days. Toxæmia, 1 week.
With Diffuse Peritonitis..	5	7	12	....	8	....	....	4	12	Peritonitis, 2 days. Peritonitis, 2 days. Peritonitis, 3 days. Toxæmia, 5 hours.
With General Peritonitis..	27	19	46	....	23	....	2	21	46	Cardiac Dilatation, 12 hours. Exhaustion, 2 days. General Peritonitis, 30 hours. Peritonitis, 24 hours. Septicæmia, 1 day. Septicæmia, 1 day. Septicæmia, 2 days. Septicæmia, 2 days. Septicæmia, 3 days. Septicæmia, 3 days. Septicæmia, 3 days. Shock, 5 hours. Shock, 1 day. Toxæmia, 1 day. Toxæmia, 1 day. Toxæmia, 2 days. Toxæmia, 2 days. Toxæmia, 3 days. Toxæmia, 3 days. Toxæmia, 4 days. Toxæmia, 4 days.
<i>b. Interval.....</i>	28	21	49	20	27	....	2	....	49	
<i>g. Liver.....</i>	10	11	21	....	17	2	....	2	21	Pneumonia, 10 days. Toxæmia, 2 days.

## SURGICAL OPERATIONS.—Continued.

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
<i>h.</i> Gall Bladder and Bile Ducts.....	29	67	96	....	75	2	4	15	96	Carcinoma and exhaustion, 2 days. Dilatation of stomach, 3 days. Exhaustion, 3 days. Embolism, 3 days. Hæmorrhage, 36 hours. Peritonitis, 4 days. Septicæmia, 3 days. Shock, 4 hours. Shock, 8 hours. Shock, 9 hours. Shock, 12 hours. Shock, 24 hours. Shock, 2 days. Toxæmia and shock, 10 hours. Toxæmia, 48 hours.
<i>i.</i> Pancreas.....	5	1	6	....	2	1	....	3	6	Hæmorrhage, 1 day. Toxæmia, 2 days. Toxæmia, 4 days.
<i>j.</i> Spleen.....	....	1	1	....	1	....	....	....	1	
<i>k.</i> Mesentery and Omentum.....	2	....	2	....	2	....	....	....	2	
<i>l.</i> Uterus and Appendages.....	....	104	104	2	89	1	5	7	104	Broncho-pneumonia, 2 days. Pneumonia, 3 days. Shock, 10 hours. Shock, 18 hours. Shock, 1 day. Shock, 3 days. Toxæmia, 10 hours.
<i>m.</i> Peritonitis, Origin Undetermined.....	4	2	6	....	4	....	....	2	6	Peritonitis, 30 hours. Pneumonia, 18 hours.
<i>n.</i> Peritonitis, Tuberculous.....	4	7	11	1	8	....	....	2	11	Shock, 18 days. Toxæmia, 2 weeks.
<i>o.</i> Adhesions.....	3	3	6	....	5	....	....	1	6	Shock, 1 day.
Operations upon Tumors, not Involving Abdominal Section:										
<i>a.</i> Benign:										
Face.....	7	5	12	....	12	....	....	....	12	
Breast.....	1	7	8	....	8	....	....	....	8	
Back.....	2	....	2	....	2	....	....	....	2	
Neck.....	1	5	6	....	6	....	....	....	6	
<i>b.</i> Malignant:										
Face.....	11	2	13	....	11	....	1	1	13	Broncho-pneumonia, 2 days.
Breast.....	....	22	22	....	18	....	1	3	22	Shock, 36 hours. Toxæmia, 2 days. Toxæmia, 3 days.

SURGICAL OPERATIONS.— *Concluded.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
<i>b. Malignant:</i>										
Axilla.....	1	.....	1	....	1	.....	.....	.....	1	
Hand.....	.....	1	1	....	1	.....	.....	.....	1	
Neck.....	1	.....	1	....	1	.....	.....	.....	1	
Plastic Operations, for:										
<i>a. Deformities.....</i>	5	3	8	....	6	....	1	1	8	Pneumonia, 3 days.
<i>b. Skin Grafts.....</i>	32	25	57	2	53	1	1	.....	57	
<i>c. Wounds and Scars.....</i>	5	2	7	....	6	....	1	.....	7	
Foreign Bodies.....	16	11	27	....	24	....	2	1	27	Pneumonia, 2 days.
Unclassified.....	9	5	14	1	9	2	2	....	14	
Totals.....	2,269	1,206	3,475	143	2,889	32	179	232	3,475	



## GYNÆCOLOGICAL DISEASES.

From February 1, 1915, to January 31, 1916, Inclusive.

DISEASES.	In Hospital Feb. 1, 1915.	Admitted.	DISCHARGED.						In Hospital Jan. 31, 1916.	
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.		
EXTERNAL GENITALIA.										
Inflammatory:										
Cyst of Bartholini's Gland.....		5	3	1	.....	.....	1	5	.....	
Fibroma of Vulva.....		1	.....	1	.....	.....	.....	1	.....	
Vulvo-Vaginal Abscess.....		16	.....	15	.....	.....	.....	15	1	
VAGINA AND PERINEUM.										
Mechanical:										
Cystocele.....	1	14	6	4	3	.....	.....	13	2	
Rectocele.....	1	10	2	6	.....	1	.....	9	2	
Cystocele and Rectocele.....		5	3	2	.....	.....	.....	5	.....	
Recto-Vaginal Fistula.....		2	1	1	.....	.....	.....	2	.....	
Vesico-Vaginal Fistula.....		7	.....	4	3	.....	.....	7	.....	
Ruptured Perineum:										
Complete.....	1	14	9	3	1	1	1	15	.....	
Incomplete.....	3	75	50	24	.....	.....	.....	74	4	
Inflammatory:										
Vaginitis.....		6	.....	6	.....	.....	.....	6	.....	
Vaginal Cyst.....		1	1	.....	.....	.....	.....	1	.....	
UTERUS.										
Neoplasms:										
Carcinoma, Uterus.....	1	12	1	5	4	.....	3	13	.....	
Carcinoma, Cervix.....	2	10	2	9	1	.....	.....	12	.....	
Fibroid.....	2	34	17	14	.....	.....	4	35	1	
Leiomyoma.....		2	2	.....	.....	.....	.....	2	.....	
Hydatidiform Mole.....		1	1	.....	.....	.....	.....	1	.....	
Polyp.....		4	4	.....	.....	.....	.....	4	.....	

GYNÆCOLOGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1915.	Admitted.	DISCHARGED.						In Hospital Jan. 31, 1916.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Mechanical:									
Anteflexion . . . . .		5	1	4				5	
Retroversion . . . . .	2	71	40	27	2			69	4
Prolapse . . . . .		10	2	5			1	8	2
Procidentia . . . . .	1	13	10	2			2	14	
Laceration of Cervix . . . . .	3	80	38	37	2	2		79	4
Subinvolution . . . . .		8	7	1				8	
Uterine Hæmorrhage . . . . .		1		1				1	
Inflammatory:									
Endometritis . . . . .	1	67	19	45	2			66	2
Endocervicitis . . . . .		5	3	2				5	
Septic Uterus . . . . .	1						1	1	
Functional:									
Catamenia . . . . .		4	3	1				4	
Catamenia, Delayed . . . . .		1		1				1	
Dysmenorrhœa . . . . .	1	13	5	8	1			14	
Menorrhagia . . . . .		2	1	1				2	
Menopause . . . . .		1		1				1	
Pregnancy and Parturition:									
Pregnancy . . . . .		86	58	25				83	3
Puerperal Sepsis . . . . .	2	26	10	12			6	28	
Puerperium . . . . .	3	30	24	7			1	32	1
Miscarriage, Threatened . . . . .	1	26	9	18				27	
"    Complete . . . . .		90	61	28				89	1
"    Incomplete . . . . .	15	284	207	83	3		1	294	5
"    Septic . . . . .	2	19	7	5			8	20	1
Abortion . . . . .		14	3	9				12	2
"    Septic . . . . .		4	4					4	
Ectopic Gestation . . . . .		18	12	3			2	17	1
Placenta Prævia . . . . .		9	4	1			4	9	
Placenta Retained . . . . .		1					1	1	
Incarcerated Pregnant Uterus . . . . .		1			1			1	
Post-partum Hæmorrhage . . . . .		1	1					1	
Prematurity . . . . .		28	1	4	1		22	28	
Toxæmia of Pregnancy . . . . .	2	9	4	6			1	11	

GYNÆCOLOGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Jan. 31, 1915.	Admitted.	DISCHARGED.						In Hospital Feb. 31, 1916.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Toxæmia of Pregnancy with Con- vulsions.....		1		1				1	
Toxæmia of Pregnancy with Vomit- ing.....		4		2			2	4	
Vomiting of Pregnancy.....		13		10			3	13	
Pernicious Vomiting.....		2		2				2	
Retained Products.....		1	1					1	
OVARIES.									
Neoplasms:									
Cysts.....		32	24	5			2	31	1
“ Dermoid.....	1	3	4					4	
“ Malignant.....	1	3	2	2				4	
Inflammatory:									
Abscess.....	1			1				1	
FALLOPIAN TUBES.									
Inflammatory:									
Salpingitis, Acute.....	1	47	9	33			1	43	5
“ Chronic.....	7	46	15	36				51	2
“ Puerperal.....		3		3				3	
Hydrosalpinx.....	1			1				1	
Pyosalpinx.....		3		3				3	
COMBINED GENITAL DISEASES.									
Pelvic Abscess.....	2	17	2	12	2		1	17	2
“ Cellulitis.....		10		9				9	1
“ Inflammation.....	2	42	2	36	2		1	41	3
URINARY ORGANS.									
Inflammatory:									
Cystitis.....		4		4				4	
Pyelitis.....		6	1	4			1	6	
Periurethritis.....		2		2				2	
Neoplasm:									
Carcinoma of Bladder.....	1				1			1	
Urethral Caruncle.....		7	1	5	1			7	
Urethrocele.....		1		1				1	

GYNÆCOLOGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1915.	Admitted.	DISCHARGED.						In Hospital Jan. 31, 1916.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Nephroptosis.....		2	...	1	1	...	...	2	...
Neuroses, Bladder.....		1	...	1	...	...	...	1	...
Stricture of Urethra.....		1	...	1	...	...	...	1	...
Acute Retention of Urine.....		2	...	2	...	...	...	2	...
CONSTITUTIONAL DISEASES OF PUERPERAL OR VENEREAL ORIGIN.									
Eclampsia.....		10	3	3	...	...	4	10	...
Post-partum Eclampsia.....		1	...	1	...	...	...	1	...
Septicæmia.....		8	...	1	...	...	6	7	1
UNCLASSIFIED.									
Abscess, Breast.....		4	...	3	1	...	...	4	...
"    Ischiorectal.....		1	1	...	...	...	...	1	...
Adhesions, Post-operative.....		5	...	4	...	...	...	4	1
Alcoholism.....		1	...	...	...	...	1	1	...
Alcoholic Neuritis.....		1	...	1	...	...	...	1	...
Appendicitis.....	5	25	14	12	...	...	...	26	4
Anæmia.....		1	...	1	...	...	...	1	...
Carcinoma of Buttock.....		1	...	...	1	...	...	1	...
"    "    Liver.....		1	...	...	1	...	...	1	...
"    "    Intestines.....		4	...	2	...	1	1	4	...
Carcinomatosis, General.....		1	...	...	1	...	...	1	...
Cardiac.....		3	...	1	2	...	...	3	...
Cirrhosis, Alcoholic.....		1	...	1	...	...	...	1	...
Constipation.....		2	...	1	...	...	...	1	1
Diabetes.....		1	...	1	...	...	...	1	...
Dementia Præcox.....		1	...	1	...	...	...	1	...
Enteroptosis.....		3	...	3	...	...	...	3	...
Erysipelas.....		1	...	...	1	...	...	1	...
Gonorrhœal Arthritis.....		1	...	1	...	...	...	1	...
Hæmorrhoids.....		1	...	1	...	...	...	1	...
Hernia, Femoral.....		1	...	...	...	...	1	1	...
"    Post-operative.....		2	1	1	...	...	...	2	...
"    Ventral.....		5	...	4	...	...	...	4	1
Hysteria.....		1	...	...	1	...	...	1	...
Infancy.....	5	83	75	8	...	...	...	83	5

GYNÆCOLOGICAL DISEASES.—*Concluded.*

DISEASES.	In Hospital Feb. 1, 1915.	Admitted.	DISCHARGED.						In Hospital Jan. 31, 1916.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Neisser Infection.....		18	1	14	1	.....	.....	16	2
Osteomyelitis.....		1	.....	1	.....	.....	.....	1	.....
Perforated Uterus.....		1	.....	1	.....	.....	.....	1	.....
Peritonitis, General.....		7	.....	.....	.....	.....	7	7	.....
"    Pelvic.....		1	.....	.....	.....	.....	1	1	.....
"    Tubercular.....		2	.....	.....	1	.....	1	2	.....
Phlebitis.....		3	.....	3	.....	.....	.....	3	.....
Phthisis.....		2	.....	2	.....	.....	.....	2	.....
Pelvis, Contracted.....		2	1	.....	.....	.....	1	2	.....
"    Fractured.....		1	.....	1	.....	.....	.....	1	.....
Poisoning, Mercurial.....		1	.....	.....	.....	.....	1	1	.....
"    Turpentine.....		1	.....	.....	.....	.....	1	1	.....
Pneumonia.....		1	1	.....	.....	.....	.....	1	.....
Pott's Disease.....		1	.....	1	.....	.....	.....	1	.....
Ptoxis Visceral.....		1	.....	1	.....	.....	.....	1	.....
Prolapse of Rectum.....		1	.....	1	.....	.....	.....	1	.....
Septic Arthritis.....		1	.....	.....	.....	1	.....	1	.....
Spina Bifida.....		1	.....	.....	1	.....	.....	1	.....
Syphilis.....	1	5	.....	5	1	.....	.....	6	.....
Sterility.....	1	2	.....	3	.....	.....	.....	3	.....
Tonsillitis.....		1	.....	1	.....	.....	.....	1	.....
Tuberculosis, Pulmonary.....		3	.....	3	.....	.....	.....	3	.....
Tumor of Breast.....		1	.....	1	.....	.....	.....	1	.....
Typhoid.....		1	.....	1	.....	.....	.....	1	.....
No Diagnosis.....		2	.....	.....	.....	2	.....	2	.....
Nothing Gynæcological.....		21	4	14	2	1	.....	21	.....
Refused Examination.....		1	.....	.....	1	.....	.....	1	.....
Total Diseases.....	74	1,652	798	713	46	9	95	1,661	65
Less patients counted more than once.	7	65	33	35	4	.....	.....	72	.....
Total Patients.....	67	1,587	765	678	42	9	95	1,589	65

## DISEASES OF THE EYE.

Cases Treated in Hospital from February 1, 1915, to January 31, 1916, Inclusive.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.	
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.		
CONJUNCTIVA.												
Conjunctivitis, Acute.....		4	2	6		6					6	
"    Catarrhal.....			2	2		2					2	
"    Gonorrhœal.....			1	1								1
Subconjunctival Hæmorrhage...		3		3		3					3	
Trachoma.....		1	1	2		1	1				2	
Wounds, Lacerated.....	1	1		1		2					2	
CORNEA AND SCLEROTICA.												
Keratitis, Interstitial.....	1	2	2	4		5					5	
"    Phlyctenular.....		1	1	2		2					2	
"    Tubercular.....			1	1		1					1	
"    Ulcerative.....		4	2	6		6					6	
Kerato-iritis.....		1	1	2		2					2	
"    Ulcerative.....		1		1		1					1	
Hypopyon.....			1	1		1					1	
Burns.....		4		4		4					4	
"    Acid.....		1		1		1					1	
"    Lime.....		1		1		1					1	
Perforation of Cornea.....		7		7		6					6	1
Ruptured Sclera.....		1		1								1
Ulcers of Cornea.....			1	1								1
LENS AND CAPSULE.												
Cataract, Capsular.....		2	1	3		3					3	
"    Congenital.....	1	2		2	1	2					3	
"    Senile.....	1	4	10	14		12	2		1		15	
"    Traumatic.....		5		5		3		2			5	
Dislocation of Lens.....	1					1					1	



DISEASES OF THE EYE.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan 31, 1916.	
		Males.	Females.	Totals.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.		
GLOBE.												
Injury, perforating with dislocated lens.....		1		1		1					1	
Injury with Hypopyon.....		1		1	1						1	
Contusions.....		1		1		1					1	
Panophthalmitis.....	1	3		3		4					4	
Perforating Wounds.....		1		1		1					1	
LACHRYMAL APPARATUS.												
Dacryocystitis, Acute.....	1	1	2	3		4					4	
"    Chronic.....			3	3		3					3	
LIDS.												
Abscess.....		1	1	2		2					2	
Ectropion.....		1		1		1					1	
Furunculosis.....		1		1		1					1	
Infection.....			1	1		1					1	
Lacerations.....		3		3		3					3	
Verruca.....			1	1				1			1	
ORBIT.												
Post-operative Inflammation.....			1	1		1					1	
Tumor.....			1	1		1					1	
NERVES AND MUSCLES.												
Strabismus, Convergent.....		4	5	9		8		1			9	
IRIS, CILIARY BODY AND CHOROID.												
Iritis.....		3	1	4		3					3	1
"    Rheumatic.....		3	4	7		7					7	
"    Syphilitic.....		1	1	2		2					2	
Iridocyclitis.....	1		1	1		2					2	
Choroiditis.....		1		1		1					1	
Glaucoma, Acute.....	1	1	1	2		3					3	
"    Chronic.....		4	2	6		6					6	
Melanotic Sarcoma.....		1		1		1					1	

DISEASES OF THE EYE.—*Concluded.*

DISEASES.	In Hospital Jan. 31, 1915.	ADMITTED.			DISCHARGED.						In Hospital Feb. 1, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
RETINA AND OPTIC NERVE.											
Detachment of Retina.....			1	1			1			1	
Toxic Amblyopia.....		1		1		1				1	
UNCLASSIFIED.											
Contusion of Eye, Delirium Tremens.....		1		1		1				1	
Gumma, Eyebrow.....		1		1							1
Lacerated Wound of Eyebrow, Alcoholism.....		1		1		1				1	
Totals.....	9	81	52	133	2	125	4	4	1	136	6

## OPHTHALMIC OPERATIONS.

## ON HOUSE PATIENTS IN THE OPHTHALMIC SERVICE.

From February 1, 1915, to January 31, 1916, Inclusive.

OPERATIONS.	ADMITTED.			DISCHARGED.				
	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.
GLOBE.								
Enucleation.....	5	3	8	4	4	.....	.....	8
Evisceration.....	2	1	3	.....	3	.....	.....	3
CONJUNCTIVA.								
Conjunctival Flap.....	4	.....	4	.....	4	.....	.....	4
LENS AND CAPSULE.								
Cataract:								
Extraction with Iridectomy.....	3	7	10	.....	10	.....	.....	10
Discission.....	1	.....	1	.....	1	.....	.....	1
Needling.....	5	2	7	.....	7	.....	.....	7
Suction.....	1	.....	1	.....	1	.....	.....	1
IRIS.								
Iridectomy .....	2	3	5	.....	5	.....	.....	5
“ and Trephine.....	1	.....	1	.....	1	.....	.....	1
OCULAR MUSCLES.								
Tenotomy and Tucking.....	1	2	3	.....	3	.....	.....	3
Tenotomy.....	1	1	2	.....	2	.....	.....	2
Tucking.....	1	1	2	.....	2	.....	.....	2
LIDS.								
Ectropion.....	1	.....	1	.....	1	.....	.....	1
Incision of Abscess.....	1	.....	1	.....	1	.....	.....	1
Suture of Lacerated Lids.....	3	.....	3	.....	3	.....	.....	3
UNCLASSIFIED.								
Removal of Clot from Anterior Chamber .....	1	.....	1	.....	1	.....	.....	1
Incision of Frontal Sinus.....	.....	1	1	.....	1	.....	.....	1
Totals.....	33	21	54	4	50	.....	.....	54

## DISEASES OF THE EAR AND THROAT.

Cases Treated in Hospital from February 1, 1915, to January 31, 1916, Inclusive.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.					In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.	
AURICLE.										
Post-auricular Abscess.....			1	1		1			1	
MEATUS.										
Furunculosis.....			1	1		1			1	
Inflammation:										
Acute Diffuse.....	1		1	1		2			2	
MIDDLE EAR.										
Inflammation:										
Simple Acute.....	1	26	21	47		46	1		47	1
With Adenoids.....		1	1	2		2			2	
“ Mastoiditis.....	3	8	12	20		23			23	
“ Otitis Externa.....			1	1		1			1	
Chronic Purulent.....	1	3	1	4		4			4	1
“ Catarrhal.....		1	1	2		2			2	
Suppurative.....		1		1		1			1	
With Adenoids.....			1	1		1			1	
“ Mastoiditis.....		1		1		1			1	
MASTOID.										
Mastoiditis, Acute.....	6	14	14	28		19		3	22	12
With Bezold's.....			1	1		1			1	
“ Erysipelas.....		1	1	2		2			2	
“ Lateral Sinus.....		2	2	4		2		2	4	
“ Lateral Sinus, Thrombosis.....		4		4		2		2	4	
“ Meningitis.....		2		2				2	2	
Mastoiditis, Chronic.....		9	4	13		13			13	
Post-operative.....		4	5	9		9			9	
Secondary.....		1	1	2		2			2	

DISEASES OF THE EAR AND THROAT.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.					In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.	
LABYRINTH.										
Labyrinthitis, Traumatic.....		1		1		1			1	
PHARYNX AND NASO-PHARYNX.										
Adenoids.....		12	18	30		30			30	
“ and Tonsils.....		172	177	349		346			346	3
Pharyngitis.....		6	2	8		8			8	
Naso Pharyngitis.....			1	1		1			1	
Retropharyngeal Abscess.....		2	2	4		4			4	
Rhinitis, Acute.....			1	1		1			1	
Fibroma, Anterior Pillar.....			1	1		1			1	
Carcinoma of Pharynx.....	1	1		1		1	1		2	
TONSILS.										
Abscess, Peritonsillar.....	2	21	19	40		40		1	41	1
Carcinoma.....		1		1			1		1	
Hæmorrhage, Post-operative.....		5	7	12		12			12	
Hypertrophy, with Adenoids.....	271	418		689		686	3		689	
Tonsillitis, Acute.....	15	24		39		38			38	1
“ Follicular.....	2	12	6	18		19	1		20	
Tubercular Tonsils.....			1	1		1			1	
Septic Tonsils.....		2		2		2			2	
LARYNX.										
Laryngitis, Acute.....		1	3	4		4			4	
Foreign Body.....		1	1	2		2			2	
Hæmatoma of Larynx.....			2	2		2			2	
Œdema of Epiglottis.....		1		1				1	1	
Œdema of Larynx.....			1	1		1			1	
Syphilis of Larynx.....			1	1		1			1	
Tuberculosis of Larynx.....		5	1	6		4		2	6	
ŒSOPHAGUS.										
Carcinoma.....		6	1	7		2	4	1	7	
Foreign Body.....	1					1			1	
Ruptured Vein.....		1		1		1			1	
Obstruction.....		1		1			1		1	
Stricture.....		1	1	2		2			2	

DISEASES OF THE EAR AND THROAT.—*Concluded.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.					In Hospital Jan 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.	
ANTERIOR NASAL CAVITIES.										
Deviated Septum.....	1	20	27	47	....	45	3	....	48	
Dislocated Triangular Cartilage.....		3	5	8	....	8	....	....	8	
Epistaxis.....	1	13	3	16	....	17	....	....	17	
Abscess of Septum.....		1	....	1	....	1	....	....	1	
Compound Fracture of Nose and Alco- holism.....		1	....	1	....	1	....	....	1	
Fracture of Nose.....		5	1	6	....	6	....	....	6	
Nasal Deformity.....		1	3	4	....	3	1	....	4	
ACCESSORY SINUSES.										
Inflammation:										
Antrum of Highmore.....		2	1	3	....	3	....	....	3	
Ethmoiditis.....		7	8	15	....	15	....	....	15	
“ with Endocarditis.....		....	1	1	....	1	....	....	1	
“ “ Orbital Cellulitis.....		....	1	1	....	....	....	1	1	
“ “ Frontal Sinusitis.....		1	2	3	....	3	....	....	3	
Frontal Sinusitis.....		3	....	3	....	3	....	....	3	
Multiple Sinusitis.....		....	1	1	....	....	....	1	1	
Sphenoiditis, Chronic.....		1	....	1	....	1	....	....	1	
TRACHEA.										
Tracheotomy, Post-operative.....		1	....	1	....	1	....	....	1	
UNCLASSIFIED.										
Adenitis, Cervical.....		1	1	2	....	....	....	....	....	2
Cleft Palate.....	1	1	1	2	....	2	1	....	3	
Herpes Labialis.....		1	....	1	....	1	....	....	1	
Hysteria.....		....	1	1	....	1	....	....	1	
Infancy.....		1	....	1	....	1	....	....	1	
Lacerated Wound of Ear.....	1	....	1	1	....	1	1	....	2	
Bullet Wound with Cerebellar Abscess.....		1	....	1	....	....	....	1	1	
Meningitis, Tubercular.....		1	....	1	....	....	....	1	1	
Pulmonary Tuberculosis.....		....	2	2	....	....	2	....	2	
Scarlet Fever.....		1	1	2	....	2	....	....	2	
Totals.....	22	682	817	1,499	....	1,462	20	18	1,500	21



## AURAL AND THROAT OPERATIONS.

ON HOUSE PATIENTS IN THE AURAL AND THROAT SERVICE.

From February 1, 1915, to January 31, 1916, Inclusive.

OPERATIONS.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.					In Hospital Jan. 31, 1916.	REMARKS.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.		
EXTERNAL AUDITORY CANAL.											
Incision of Otitis Externa..	1	2	7	9	....	10	....	....	10	....	
TYMPANIC MEMBRANE.											
Paracentesis.....		17	22	39	....	37	1	....	38	1	
MASTOID.											
Simple Mastoid Operation,	8	10	16	26	....	24	....	....	24	10	
Radical Mastoid Operation, ....		9	5	14	....	13	....	1	14	....	Septicæmia, 24 hours.
Mastoid Operation:											
With Bezold.....		1	....	1	....	1	....	....	1	....	
" Epidural Abscess..		1	....	1	....	....	....	1	1	....	Septicæmia, 24 hours.
" Ligation of Jugular Vein.....		3	1	4	....	3	....	1	4	....	Lung. Abscess, 2 weeks.
" Meningitis.....		1	....	1	....	....	....	1	1	....	Meningitis, 5 days.
" Perisinus Abscess..		1	....	1	....	1	....	....	1	....	
" Skin Graft.....		1	....	1	....	1	....	....	1	....	
Post-operative.....		1	....	1	....	1	....	....	1	....	
NOSE.											
Incision, Abscess of Septum, ....			1	1	....	1	....	....	1	....	
Reduction of Fracture.....		2	4	6	....	6	....	....	6	....	
Refracture for Correction of Deformity.....		2	4	6	....	6	....	....	6	....	
Submucous Resection.....		16	16	32	....	32	....	....	32	....	
Turbinectomy.....		3	2	5	....	5	....	....	5	....	
ACCESSORY SINUSES.											
Antrum, Paracentesis.....		2	1	3	....	3	....	....	3	....	

AURAL AND THROAT OPERATIONS.—*Concluded.*

OPERATIONS.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.					In Hospital Jan. 31, 1916.	REMARKS.
		Males.	Females.	Total.	Well.	Relieved.	Not Treated.	Died.	Total.		
Ethmoid Exenteration.....		8	7	15	....	15	....	....	15	...	
Frontal Sinus, Curetting.....		1	....	1	....	1	....	....	1	....	
PHARYNX AND NASO-PHARYNX.											
Adenectomy.....		17	25	42	....	42	....	....	42	....	
Adenectomy and Tonsillectomy.....		431	574	1,005	....	1,003	....	....	1,003	2	
Incision, Peritonsillar Abscess.....	1	16	14	30	....	30	....	....	30	1	
Incision, Retropharyngeal Abscess.....		3	1	4	....	4	....	....	4	....	
Suture for Post-operative Tonsillar Hæmorrhage.....		2	4	6	....	6	....	....	6	....	
LARYNX.											
Laryngoscopy.....		1	1	2	....	2	....	....	2	....	
Removal of Foreign Body.....		....	1	1	....	1	....	....	1	....	
ŒSOPHAGUS.											
Œsophagoscopy.....		6	2	8	....	1	6	1	8	....	Exhaustion, 48 hours.
Removal of Foreign Body.....		1	....	1	....	1	....	....	1	....	
TRACHEA.											
Tracheotomy.....		1	....	1	....	1	....	....	1	....	
UNCLASSIFIED.											
Incision, Alveolar Abscess, .....		....	1	1	....	1	....	....	1	....	
“ Cervical Adenitis, .....		2	....	2	....	2	....	....	2	....	
“ Abscess of Glottis, .....		1	....	1	....	1	....	....	1	....	
“ Post-auricular Abscess.....		1	....	1	....	1	....	....	1	....	
Repair Cleft Palate.....	1	....	....	....	....	1	....	....	1	....	
Totals.....	11	563	709	1,272	....	1,257	7	5	1,269	14	

## DISEASES OF THE NERVOUS SYSTEM.

Cases Treated in Hospital from February 1, 1915, to January 31, 1916, Inclusive.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
I. PERIPHERAL NERVES.											
(a.) Cranial Nerves											
Vagus Paralysis.....		1		1					1	1	
Neuralgia Trigeminal....		2		2		1	1			2	
(b.) Spinal Nerves											
Neuritis, Alcoholic.....	2	11	12	23	1	21			1	23	2
“ Diphtheritic....	1	1		1		2				2	
“ Lead.....		2		2		1				1	1
Neuralgia, Brachial.....		1		1		1				1	
Paralysis Brachial.....		1		1		1				1	
Sciatica.....		3	2	5		5				5	
II. SPINAL CORD AND SPINE.											
Amyotrophic Lateral Sclerosis...		1		1		1				1	
Caisson Disease.....		2		2		2				2	
Combined (postero-lateral) Sclerosis.....		1		1			1			1	
Hæmatomyelia.....	1								1	1	
Meningitis.....		1	1	2		1			1	2	
Multiple Sclerosis.....		5	2	7		6	1			7	
Myelitis.....	1	3	2	5		4	1			5	1
Paraplegia.....		2	1	3		1	1		1	3	
Poliomyelitis.....			1	1		1				1	
Syringomyelia.....		2		2		2				2	
Tabes Dorsalis.....	1	81	21	102		98	1	2	1	102	1
Tumor.....			2	2		1	1			2	
III. BRAIN.											
Arteriosclerosis.....		13	4	17		15	1		1	17	
Bulbar Paralysis.....		1	1	2		2				2	

DISEASES OF THE NERVOUS SYSTEM.—*Continued.*

DISEASES.	In Hospital Feb 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Cerebellar, Ataxia . . . . .	....	1	1	....	1	....	....	....	1	....	....
“ Hypoplasia . . . . .	....	1	1	2	....	1	1	....	2	....	....
Concussion . . . . .	....	4	....	4	....	2	....	2	4	....	....
Encephalitis . . . . .	....	2	....	2	....	2	....	....	2	....	....
Encephalomalacia . . . . .	....	1	1	2	....	....	....	2	2	....	....
Embolism . . . . .	....	1	3	4	....	....	....	4	4	....	....
General Paralysis . . . . .	....	45	....	45	....	35	5	4	44	1	....
Hæmorrhage . . . . .	....	60	58	118	....	58	3	55	116	2	....
Hemiplegia . . . . .	....	11	7	18	....	13	....	5	18	....	....
Injury (including fracture of skull) . . . . .	....	10	....	10	....	6	....	4	10	....	....
Meningitis . . . . .	....	3	2	5	....	1	....	3	5	....	....
Œdema . . . . .	....	1	1	....	....	....	....	....	....	1	....
Polioencephalitis . . . . .	....	2	....	2	....	1	....	....	1	1	....
Syphilis . . . . .	....	19	33	52	....	48	....	3	51	1	....
Thrombosis . . . . .	....	5	15	4	19	....	11	1	7	19	5
Tumor . . . . .	....	4	5	9	....	4	1	3	8	1	....
IV. PSYCHOSES.											
Confusional Insanity . . . . .	....	1	....	1	....	1	....	1	....	....	....
Dementia Præcox . . . . .	....	5	9	14	....	1	13	....	14	....	....
Manic Depressive Insanity . . . . .	....	1	2	3	....	3	....	3	....	....	....
Paranoia . . . . .	....	1	1	....	....	....	....	....	....	1	....
Senile Dementia . . . . .	....	1	5	3	8	....	9	....	9	....	....
V. NEUROSES AND PSYCHO- NEUROSES.											
Cephalalgia . . . . .	....	1	....	1	....	1	....	1	....	....	....
Chorea . . . . .	....	2	5	14	19	2	13	2	2	19	2
Eclampsia . . . . .	....	1	1	....	1	....	....	....	1	....	....
Epilepsy . . . . .	....	31	11	42	....	39	3	....	42	....	....
Goitre, Exophthalmic . . . . .	....	1	1	....	1	....	....	....	1	....	....
Hysteria . . . . .	....	4	3	23	26	1	27	2	30	....	....
Neurasthenia . . . . .	....	1	25	26	1	24	....	....	25	1	....
Paralysis Agitans . . . . .	....	1	1	....	1	....	2	....	2	....	....
Syncope . . . . .	....	5	4	9	1	7	....	....	8	1	....

DISEASES OF THE NERVOUS SYSTEM.—*Continued.*

OPERATIONS.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Tetany.....			1	1		1				1	
Traumatic Neuroses.....		1	1	2		2				2	
VI. INTOXICATIONS.											
Alcoholism.....	1	27	8	35	14	19	1		2	36	
UNCLASSIFIED.											
Anæmia.....		1	1	2	1				1	2	
Arteriosclerosis.....		3		3		3				3	
Asthma.....		1		1		1				1	
Alveolar Abscess.....		1		1			1			1	
Arthritis.....		1	1	2		2				2	
Broncho-pneumonia.....		3	3	6					6	6	
Carcinoma.....		1	2	3			2		1	3	
Cholecystitis.....			1	1					1	1	
Chronic Eczema.....			1	1			1			1	
Constipation.....		1		1		1				1	
Dislocated Jaw.....			1	1	1					1	
Endocarditis.....		2		2					2	2	
Exostosis of Tibia.....	1					1				1	
Fracture, Femur.....		1		1			1			1	
Gastritis.....			2	2	2					2	
Hæmaturia.....		1		1		1				1	
Influenza.....		1		1	1					1	
Insolation.....		2		2	2					2	
Morphinism.....		1		1		1				1	
Multiple Contusions.....		1		1		1				1	
Nephritis.....		3	3	6					6	6	
Osteo-arthritis.....			2	2		2				2	
Opium Habit.....		1	1	2		1	1			2	
Paraphonia.....			1	1			1			1	
Post-operative Adhesions.....			1	1			1			1	
Pyelitis.....			1	1			1			1	
Pyelocystitis.....		1		1		1				1	
Phlebitis.....			1	1		1				1	

DISEASES OF THE NERVOUS SYSTEM.— *Concluded.*

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Pneumonia.....	....	2	3	5	....	....	....	....	5	5	....
Senility.....	....	1	....	1	....	1	....	....	....	1	....
Synovitis.....	....	....	1	1	....	....	1	....	....	1	....
Strain of Muscles.....	1	....	3	3	....	3	1	....	....	4	....
Tonsillitis.....	....	2	....	2	....	2	....	....	....	2	....
Tuberculosis.....	....	....	1	1	....	....	1	....	....	1	....
No diagnosis.....	....	2	2	4	1	1	2	....	....	4	....
No disease.....	....	2	1	3	3	....	....	....	....	3	....
Totals.....	22	434	302	736	31	509	68	3	125	736	22



## DISEASES OF THE SKIN.

Cases Treated in Hospital from February 1, 1915, to January 31, 1916, Inclusive.

DISEASES.	In Hospital Feb. 1, 1915.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1916.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Carbuncle.....		1	...	1	...	1	...	...	...	1	...
Dermatitis.....		5	5	10	...	10	...	...	...	10	...
"    Exfoliativa.....		1	...	1	...	...	...	...	1	1	...
"    Medicamentosa.....		1	...	1	...	1	...	...	...	1	...
"    Pustula.....		1	...	1	...	1	...	...	...	1	...
"    Venenata.....		2	4	6	...	6	...	...	...	6	...
Eczema.....	5	10	11	21	...	26	...	...	...	26	...
"    Chronic.....		3	3	6	...	4	...	...	...	4	2
"    Impetiginous.....		1	...	1	...	...	...	...	1	1	...
Erythema.....		1	...	1	...	1	...	...	...	1	...
"    Intertrigo.....		1	...	1	1	...	...	...	...	1	...
Erysipelas.....		2	1	3	1	2	...	...	...	3	...
Furunculosis.....	1	...	...	...	...	1	...	...	...	1	...
Herpes.....		...	1	1	...	1	...	...	...	1	...
"    Zoster.....		4	1	5	...	4	...	...	...	4	1
Impetigo Contagiosa.....		2	1	3	...	3	...	...	...	3	...
Infancy.....		...	1	1	1	...	...	...	...	1	...
Malnutrition.....		...	1	1	...	...	1	...	...	1	...
Pemphigus.....		...	1	1	...	...	...	...	1	1	...
Psoriasis.....	2	2	4	6	...	6	1	...	1	8	...
Salvarsan, Ill Effects.....		1	3	4	...	4	...	...	...	4	...
Scabies.....		3	...	3	...	1	2	...	...	3	...
Syphilis.....	1	5	12	17	...	17	...	...	...	17	1
Ulcer, Syphilitic.....		...	1	1	...	1	...	...	...	1	...
"    Varicose.....		1	...	1	...	1	...	...	...	1	...
Totals.....	9	47	50	97	3	91	4	...	4	102	4

## OUT-PATIENT DEPARTMENT.

## MEDICAL.

IN CHARGE OF DRs. PHIPPS, FLOYD, DANA, O'BRIEN, HORNOR, O'HARE,  
BOWDITCH AND ENGLISH.

From February 1, 1915, to January 31, 1916, Inclusive.

SPECIFIC INFECTIOUS DISEASES.			
Typhoid Fever.....	20	Sinusitis.....	1
Pneumonia.....	46	Foreign Body in Throat....	1
Diphtheria.....	5	<i>Of the Bronchi.</i>	
Scarlet Fever.....	12	Acute Bronchitis.....	249
Measles.....	10	Broncho-Pneumonia.....	22
Rötheln.....	1	Asthma.....	50
Parotitis, Epidemic.....	3	Bronchiectasis.....	13
Pertussis.....	43	<i>Of the Lung.</i>	
Varicella.....	4	Tuberculosis.....	584
Erysipelas.....	10	Hæmoptysis.....	9
Malarial Fever, Tertian....	7	Emphysema.....	27
"    "    Quartan....	3	Chronic Interstitial Pneu-	
Tuberculosis (see Special		monia.....	2
Organs).....	20	<i>Of the Pleura.</i>	
Influenza.....	43	Pleurisy.....	152
Gonorrhœal Infection.....	32	Empyæma.....	1
Syphilis.....	112	New Growths.....	1
"    Hereditary.....	4	Hydrothorax.....	1
Hydrophobia.....	2	DISEASES OF THE CIRCULATORY	
Dysentery.....	1	SYSTEM.	
Other diseases of this class..	6	<i>Of the Heart and its Membranes.</i>	
CONSTITUTIONAL DISEASES.		Acute Pericarditis.....	3
Rachitis.....	23	Mediastinitis.....	1
Diabetes Mellitus.....	39	Acute Endocarditis.....	21
Obesity.....	46	Chronic Endocarditis.....	361
Infantile Atrophy.....	1	Myocardial Disease.....	97
Gout.....	1	Aneurism.....	15
DISEASES OF THE RESPIRATORY		Neuroses.....	25
SYSTEM.		<i>Of the Blood Vessels.</i>	
Adenoids and Tonsils.....	12	Arteriosclerosis.....	86
Acute Pharyngitis.....	87	Aneurism, Thoracic.....	1
Acute Tonsillitis.....	97	Phlebitis.....	8
Quinsy.....	8	Varicose Veins.....	35
Acute Laryngitis.....	25		
Rhinitis.....	29		

DISEASES OF THE BLOOD AND DUCTLESS GLANDS.		Gall-stones.....	13
Chlorosis.....	2	Fatty Infiltration.....	1
Pernicious Anæmia.....	3	Chronic Interstitial Hepati- tis.....	18
Anæmia (Secondary).....	75	New Growth.....	13
Purpura Simplex.....	1	Cirrhosis of Liver.....	8
Leukæmia.....	1	<i>Of the Peritoneum.</i>	
Hodgkin's Disease.....	1	Chronic Peritonitis.....	1
Goitre.....	9	Tubercular Peritonitis.....	8
Exophthalmic Goitre.....	13	New Growths.....	1
Myxœdema.....	9	DISEASES OF THE URINARY SYSTEM.	
Cretinism.....	2	<i>Of the Kidney, Pelvis of Kidney and Bladder.</i>	
DISEASES OF THE DIGESTIVE ORGANS.		Nephritis.....	98
Stomatitis.....	16	Interstitial Nephritis.....	31
Gingivitis.....	1	Hæmaturia.....	6
Pyorrhœa Alveolaris.....	2	Tuberculosis.....	8
Ulceration of Tongue.....	1	Hydronephrosis.....	1
<i>Of the Œsophagus.</i>		Pyelitis, Chronic.....	21
New Growth.....	3	Renal Calculus.....	9
<i>Of the Stomach.</i>		Perinephritic Abscess.....	2
Acute Gastritis.....	16	New Growth.....	1
Gastric Atrophy.....	32	Movable Kidney.....	1
Ulcer, Gastric or Duodenal..	29	Acute Cystitis.....	3
Cancer.....	21	Chronic Cystitis.....	12
Gastroduodenitis.....	10	Enuresis.....	27
Acute Dyspepsia.....	33	Other diseases of this class..	6
Hyperacidity.....	53	DISEASES OF THE JOINTS.	
Subacidity.....	12	Atrophic Arthritis.....	5
Gastrodynia.....	3	Hypertrophic Arthritis.....	14
Anorexia Nervosa.....	1	Infectious Arthritis.....	165
<i>Of the Intestines.</i>		Arthritis due to other Dis- turbances of Metabolism..	19
Catarrhal Enteritis.....	8	Sacroiliac.....	23
Diarrhœa.....	26	Other diseases of this class..	11
Habitual Constipation.....	622	DISEASES DUE TO ANIMAL PARASITES.	
Appendicitis.....	52	Tænia.....	3
Mucous Colitis.....	10	Ascariasis.....	3
New Growth.....	5	Trichiniasis.....	2
Hæmorrhoids.....	11	POISONS.	
Hernia.....	4	Alcohol.....	102
Enterocolitis.....	1	Lead.....	10
<i>Of the Liver, Bile-Ducts and Portal Vein.</i>		Opium or Morphine.....	6
Acute Catarrhal Angio- cholitis.....	12	“ Habit.....	1
Cholecystitis.....	2		

Tea.....	1	Neuralgia:	
Food Poisoning.....	12	Trigeminal.....	8
		Brachial.....	3
MISCELLANEOUS.		Intercostal.....	15
Debility.....	66	Sciatica.....	43
Insolation.....	2	Coccygodynia.....	2
Enteroptosis.....	12	Other Forms.....	1
Infancy.....	5	Multiple Neuritis:	
Senility.....	3	Alcoholic.....	6
No Disease.....	232	Lead.....	1
Eloped.....	125	Infectious.....	1
No Diagnosis.....	1,045	Other Forms.....	6
Diagnosis Deferred.....	128	Neurotic Muscular Atrophy,	1
Surgical Diseases.....	317	Herpes Zoster.....	4
Gynæcological Diseases.....	47	Angioneurotic Œdema.....	1
Diseases of the Ear, Nose		Cretinism.....	1
and Throat.....	81	Raynaud's Disease.....	1
Diseases of the Skin.....	33		
Diseases of the Nerves.....	36	DISEASES OF THE SPINE.	
Diseases of the Eye.....	29	Arthritis.....	3
Referred to other depart-		Caries.....	6
ments.....	85	Scoliosis.....	1
		Torsion.....	4
DISEASES OF THE SKIN.		Tumor.....	1
Acne.....	2	Tuberculosis.....	1
Dermatitis Venenata.....	4		
“ Calorica.....	1	DISEASES OF THE SPINAL CORD.	
“ Medicamentosa..	1	Caisson Disease.....	1
Eczema.....	19	Poliomyelitis, Acute.....	1
Herpes Zoster.....	14	Tabes Dorsalis.....	6
Scabies.....	18		
Erythema Nodosum.....	2	DISEASES OF THE BRAIN.	
Urticaria.....	2	General Cerebral Affections:	
Other diseases of this class..	31	General Paralysis (Paretic	
		Dementia).....	1
DISEASES OF THE MUSCLES.		Hemiplegic States.....	1
Injury (including Strain)...	45	Injury (Including Fracture	
Muscular Rheumatism.....	16	of Skull).....	2
Lumbago.....	30	Meningitis.....	1
Myalgia.....	46	Syphilis.....	1
Polymyositis.....	2	Tumor.....	1
		Mental Affections:	
DISEASES OF THE PERIPHERAL		Degeneracy.....	4
NERVES.		Dementia Præcox.....	1
Cranial Nerves:		Feeble-minded.....	1
Facial Paralysis.....	3		
Paralysis of Spinal Nerves:		NEUROSES AND CONDITIONS WITH-	
Paralysis of Brachial Plexus,	2	OUT RECOGNIZED PATHOLOGY.	
Paralysis of Brachial		Cephalalgia.....	2
Lower Roots		Chorea.....	17
(Klumpke's).....	1	Epilepsy.....	17

Hysteria.....	10	Traumatic Neuroses.....	1
Migraine.....	4	Vertigo.....	2
Neurasthenia.....	89	Muscular Spasms:	
"    Anxious States,	4	Respiratory Spasm.....	1
"    Obsessions....	1	Torticollis.....	1
Occupation Neuroses.....	4	Vasomotor Neurosis.....	1
Paralysis Agitans.....	4		
Tetany.....	3	Total patients.....	<u>7,063</u>

## OUT-PATIENT DEPARTMENT.

## SURGICAL.

IN CHARGE OF DRs. HOWE, BINNEY, CUNNINGHAM, LAHEY, EHRENFRIED,  
LODER, WALKER AND KIMPTON.

From February 1, 1915, to January 31, 1916, Inclusive.

GENERAL INJURIES			
Contusions.....	380	Erysipelas.....	59
Wounds.....	1,115	Tuberculosis.....	31
Gunshot.....	13	Actinomycosis.....	1
Amputations.....	4	Clavus.....	73
Multiple Injuries.....	8	Verruca.....	65
		Sebaceous Cysts.....	151
GENERAL DISEASES.		Keloid.....	16
Septic Processes.....	35	Epidermoid Cancer.....	35
Septicæmia.....	4	Rodent Ulcer.....	12
Pyæmia.....	3	Sarcoma.....	4
Infection with Gas Bacillus,	1	Pilo-nidal Sinus.....	7
Anthrax.....	1	Nails:	
Mixed Infection.....	72	Paronychia.....	295
Human Bite.....	4	Ingrowing Toe Nail.....	140
Dog Bite.....	4	MUSCLES, TENDONS AND FASCLE.	
Cat Bite.....	1	Muscles:	
Tuberculosis.....	39	Wounds.....	24
Syphilis.....	94	Ruptures.....	2
		Contusions.....	103
SKIN.		Avulsions.....	3
Wounds:		Foreign Bodies in.....	68
Contused.....	687	Myositis.....	34
Lacerated.....	2,051	Tendons:	
Incised.....	796	Division.....	63
Punctured.....	433	Rupture.....	12
Post-operative.....	234	Teno-synovitis.....	132
Burns.....	408	Ganglion.....	45
Frost Bite.....	15	Palmar Abscess.....	73
Painful Scars.....	7	Septic Teno-synovitis....	2
Contracted Scars.....	5	Tuberculosis of Tendon	
Ulcer:		Sheaths.....	1
Acute.....	391	Dupuytren's Contraction,	16
Chronic.....	328	Trigger Finger.....	4
Perforating.....	7	Hammer Toe.....	17
Dermatitis.....	108		
Furunculosis.....	396	BURSÆ.	
Carbuncle.....	84	Bursitis.....	332



BONES AND JOINTS.			
Fractures, Simple:			
Skull:		Both Bones of Forearm...	2
Vault.....	1	Tibia.....	2
Base.....	2	Both Bones of Leg.....	9
Facial Bones.....	10	Fractures not otherwise	
Jaw.....	20	classified.....	18
Nose.....	27	Dislocations, Simple:	
Vertebræ.....	7	Jaw.....	2
Ribs.....	112	Vertebræ.....	1
Clavicle.....	266	Clavicle.....	14
Scapula.....	6	Humerus.....	35
Humerus.....	185	Elbow Joint.....	17
Radius.....	122	Carpus.....	4
Colles' Fracture.....	366	Metacarpus.....	12
Ulna.....	156	Phalanges.....	43
Both Bones, Forearm...	118	Knee.....	2
Carpus.....	42	Ankle.....	4
Metacarpus.....	155	Phalanges.....	2
Phalanges.....	130	Cartilage:	
Pelvis.....	5	Of Knee Semilunar....	17
Femur.....	22	Of Jaw.....	1
Patella.....	56	Dislocations, Compound:	
Tibia.....	85	Phalanges.....	6
Fibula.....	37	Sacroiliac Strain.....	9
Pott's Fracture.....	174	Sprains.....	287
Both Bones of Leg.....	87	Contusions.....	105
Tarsus.....	39	Acute Synovitis.....	60
Metatarsus.....	57	Hæmarthrosis.....	10
Phalanges.....	70	General Diseases:	
Fractures, Compound:		Rickets.....	19
Skull:		Rheumatoid Arthritis...	32
Jaw.....	5	Arthritis Deformans.....	6
Nose.....	4	Gout.....	5
Humerus.....	1	Periostitis.....	21
Radius.....	9	Osteomyelitis.....	54
Colles' Fracture.....	10	Suppurative Arthritis.....	6
Ulna.....	14	Tuberculosis.....	49
Both Bones, Forearm....	25	Syphilis.....	23
Metacarpus.....	16	Rheumatism.....	44
Phalanges.....	39	Charcot's Disease.....	5
Patella.....	20	Chronic Arthritis.....	32
Tibia.....	12	Foreign Bodies in Joints...	4
Pott's Fracture.....	9	Anchylosis.....	2
Both Bones of Leg.....	27	Hysterical Joints.....	6
Tarsus.....	8	Fibroma.....	3
Metatarsus.....	11	Osteoma.....	2
Phalanges.....	43	Sarcoma.....	5
Fractures, Ununited:		Flat Foot.....	29
Humerus.....	3	Congenital Defects of Bones,	7
		Absence or Arrested Develop-	
		ment of.....	5

Wry Neck.....	11	Division.....	6
Bow Legs.....	7	Compression.....	9
Knock Knee.....	1	Traumatic Neuritis.....	7
Congenital Dislocations of		Neuralgia.....	7
Hip.....	1		
Congenital Dislocations of		RESPIRATORY SYSTEM.	
Shoulder.....	1	Nose:	
Club Foot.....	4	Wounds.....	24
Web Fingers.....	3	Epistaxis.....	14
Supernumerary Digits.....	2	Foreign Bodies in.....	5
Lateral Curvature.....	7	Depressed Bridge.....	1
Pes Valgus.....	57	Other Deformities.....	2
Hallux Valgus.....	9	Antrum and Accessory	
		Sinuses:	
BLOOD SYSTEM.		Empyæma.....	2
Wounds.....	4	Larynx:	
Pericarditis.....	7	Œdema.....	1
Phlebitis.....	10	Syphilis.....	2
Aneurism.....	2	Trachea:	
Varicose Veins.....	157	Wounds.....	4
Gangrene.....	48	Lungs:	
Angioma.....	4	Abscess.....	3
Nævus.....	7	Tuberculosis.....	28
		Pleuræ:	
LYMPHATIC SYSTEM.		Wounds.....	2
Inguinal Adenitis.....	10	Pleuritis.....	21
Lymphangitis.....	142	Empyæma.....	45
Filariasis.....	1	Hæmothorax.....	10
Elephantiasis.....	1	Tuberculosis.....	3
Lymph Nodes:			
Noditis.....	107	DIGESTIVE SYSTEM.	
Tuberculosis.....	48	Mouth:	
Syphilis.....	8	Wounds.....	27
		Alveolar Abscess.....	15
DUCTLESS GLANDS.		Stomatitis.....	7
Thyroid Gland:		Gingivitis.....	4
Exophthalmic Goitre.....	6	Syphilis.....	7
Goitre.....	4	Sarcoma.....	1
Adenoma.....	1	Cancer.....	8
Cyst-adenoma.....	1	Epulis.....	4
		Cleft Palate.....	2
NERVOUS SYSTEM.		Hare Lip.....	1
Brain:		Tonsil:	
Contusion.....	1	Tonsillitis.....	31
Concussion.....	10	Peritonsillar Abscess.....	13
Spastic Paralysis.....	2	Hypertrophy.....	15
Spinal Cord:		Parotid, Submaxillary and	
Spina-bifida.....	3	other Salivary Glands:	
Infantile Paralysis.....	4	Wounds:	
Peripheral Nerves:		Of Gland.....	1
Contusion.....	1	Of Duct.....	1

Salivary Fistula.....	5	Polyp.....	1
Parotitis.....	20	Other Tumors.....	1
Ranula.....	2	Prolapse of Rectum.....	4
Mixed Tumor.....	1	Liver:	
Hyperplasia.....	20	Cirrhosis.....	9
Tongue:		Gall Bladder and Ducts:	
Wounds.....	17	Cholecystitis.....	12
Glossitis.....	1	Gall Stones.....	14
Tuberculosis.....	8	Peritoneum:	
Syphilis.....	3	Peritonitis.....	1
Epidermoid Cancer.....	4	Hernia:	
Leukoplakia.....	1	Inguinal.....	357
Tongue-tie.....	2	Femoral.....	13
Pharynx and Soft Palate:		Umbilical.....	14
Wounds.....	1		
Pharyngitis.....	14	URINARY SYSTEM, MALE	
Syphilis.....	26	AND FEMALE.	
Adenoids.....	25	Bladder:	
Œsophagus:		Cystitis.....	14
Stricture.....	2	Calculus.....	4
Diverticula.....	1	Papilloma.....	1
Stomach:		Retention of Urine.....	6
Gastric Fistula.....	4	Incontinence of Urine....	3
Foreign Bodies in.....	2	Ureters:	
Ulcer.....	2	Wounds.....	1
Hour-glass Constriction...	2	Calculus.....	1
Pyloric " ..	2	Kidney:	
Dilated Stomach.....	6	Pyelitis.....	6
Gastroptosis.....	24	Perinephritic Abscess....	2
Cancer.....	14	Hydronephrosis.....	1
Intestine:		Calculus.....	2
Ulcer of the Duodenum...	2	Tuberculosis.....	6
Fæcal Fistula.....	11	Sarcoma.....	1
Tubercular Stricture.....	6	Movable Kidney.....	4
Impacted Fæces.....	6		
Obstruction due to:		GENITAL SYSTEM, MALE.	
Bands and Adhesions...	7	Penis:	
Stricture.....	1	Wounds.....	8
Meckel's Diverticulum,	1	Adherent Prepuce.....	10
Not otherwise classified,	10	Cellulitis.....	1
Cancer.....	4	Herpes.....	8
Appendix:		Balanitis.....	11
Appendicitis.....	328	Chancroid.....	41
Rectum and Anus:		Chancre.....	26
Fissures.....	23	Venereal Warts.....	10
Ischio-rectal Abscess.....	92	Cancer.....	5
Fistula.....	74	Phimosis.....	48
Tuberculosis.....	1	Paraphimosis.....	28
Syphilis.....	6	Hypospadias.....	3
Hæmorrhoids.....	261	Epispadias.....	1

Urethra:		Rectocele.....	8
Wounds.....	1	Vaginitis.....	3
Rupture.....	2	Uterus:	
Urethritis:		Endometritis.....	4
Simple.....	6	Fibromyomata.....	3
Gonorrhœal:		Anteversion.....	2
Anterior:		Anteflexion.....	3
Acute.....	226	Retroversion.....	6
Chronic.....	123	Prolapse.....	2
Posterior:		Cervix Uteri:	
Acute.....	21	Lacerations.....	4
Chronic.....	79	Fallopian Tubes:	
Periurethral Abscess.....	9	Salpingitis.....	11
Stricture.....	114	Tubal Pregnancy.....	1
Extravasation of Urine....	3	Ovaries:	
Prostate:		Cysts.....	1
Prostatitis.....	32	Pelvis:	
Abscess.....	4	Pelvic Abscess.....	3
Tuberculosis.....	3		
Hypertrophy.....	48	BREAST.	
Sarcoma.....	3	Abscess.....	28
Testicles:		Mastitis.....	12
Wounds.....	3	Andeno-fibroma.....	5
Contusions.....	2	Papillary Adeno-cystoma...	2
Orchitis.....	1	Cancer.....	15
Tuberculosis.....	2		
Gumma.....	5	TUMORS NOT OTHERWISE	
Cancer.....	1	CLASSIFIED.	
Undescended Testicle....	10	Myxoma.....	1
Retained Testicle.....	1	Fibroma.....	2
Epididymitis.....	96	Lipoma.....	24
Cord and Vas Deferens:		Carcinoma.....	11
Hydrocele.....	28	Sarcoma.....	6
Varicocele.....	39	Mixed Tumors.....	6
Seminal Vesicles:		UNCLASSIFIED.	
Vesiculitis.....	4	Foreign Bodies.....	162
Tunica Vaginalis:		Exhaustion.....	2
Hydrocele.....	35	Delirium Tremens.....	1
GENITAL SYSTEM, FEMALE.		Medical Diseases.....	67
Vulva:		Transferred to other depart-	
Wounds.....	1	ments.....	596
Vulvitis.....	6	Malingering.....	2
Abscess of Labia.....	2	Eloped.....	54
Cysts of Bartholini's		Not treated.....	14
Glands.....	3	No disease.....	111
Urethral Caruncle.....	2	No diagnosis.....	269
Vagina:		Diagnosis deferred.....	26
Ruptured Perineum.....	1	Total patients.....	18,325
Cystocele.....	15		

## OUT-PATIENT DEPARTMENT.

## DISEASES OF THE EYE.

IN CHARGE OF DRs. BOSSIDY, GREENWOOD, WILLIAMS AND THOMPSON.

From February 1, 1915, to January 31, 1916, Inclusive.

CONJUNCTIVA.				
Conjunctivitis, Acute.....	178	Foreign Body.....	65	
"    Subacute.....	47	Hyphemia.....	3	
"    Chronic.....	53	Growth.....	1	
"    Catarrhal... ..	7	Hypopyon Ulcer.....	3	
"    Follicular... ..	13	Kerato-conjunctivitis.....	1	
"    Gonorrhœal, ..	3	Kerato-iritis.....	2	
"    Phlyctenular, ..	54	Macula.....	16	
"    Purulent.....	4	Nebulæ.....	6	
"    Traumatic... ..	12	Opacity.....	13	
Abrasion.....	2	Powder in Cornea.....	1	
Argyrosis.....	1	Punctured Wounds.....	5	
Burns.....	5	Scar, Corneal.....	1	
Burns, Lime.....	2	Staphyloma.....	1	
Catarrh, Vernal.....	1	Episcleritis.....	4	
Chemosis.....	1	Ulcer.....	31	
Ecchymosis.....	7	Wounds.....	4	
Foreign Body.....	56	Wounds, Perforating Sclera,	1	
Hæmorrhage, Sub-conjunc-				
tival.....	20	VITREOUS.		
Hyperæmia.....	3	Hæmorrhage.....	1	
Pterygium.....	7	Opacities.....	11	
Trachoma.....	6			
Wounds.....	1	LENS.		
CORNEA AND SCLEROTICA.		Cataract.....	13	
Keratitis.....	11	"    Congenital.....	3	
"    Interstitial.....	9	"    Immature.....	11	
"    Marginal.....	6	"    Incipient.....	35	
"    Phlyctenular.....	20	"    Mature.....	4	
"    Traumatic.....	3	"    Senile.....	8	
"    Tubercular.....	6	"    Traumatic.....	7	
"    Ulcerative.....	20	Dislocation.....	3	
Abrasion.....	4	Central Opacity.....	1	
Abrasion and Ulcer.....	7	Opacities.....	6	
Abscess.....	1	Scleroid Lens.....	2	
Adherent Leucoma.....	10	GLOBE.		
Burns.....	6	Contusion Bulbi.....	7	
		Phthisis Bulbi.....	1	
		Enucleation.....	4	

REFRACTION AND ACCOMMODATION.		Tumor.....	1
Astigmatism.....	9	Ulcer.....	1
“ Simple Myopic,	84	Verruca.....	5
“ Compound Myopic.....	70	Wounds.....	9
“ Simple Hypermetropic....	223	ORBIT.	
“ Compound Hypermetropic.	252	Cellulitis.....	2
“ Mixed.....	110	New Growth.....	2
Myopia.....	112	NERVES AND MUSCLES.	
Hypermetropia.....	401	Strabismus, Convergent....	58
Asthenopia.....	4	“ Divergent.....	8
Anisometropia.....	2	“ Alternating....	6
Presbyopia.....	301	Blepharospasm.....	2
Emmetropia.....	14	Nystagmus.....	4
Spasm of Accommodation...	1	Paresis, Internal Rectus....	1
LACHRYMAL APPARATUS.		“ External Rectus....	1
Daeryocystitis.....	20	“ Third Nerve.....	2
Epiphora.....	10	“ Sixth Nerve.....	2
Mucocele.....	1	Exophoria.....	2
Stenosis of Duct.....	4	Hyperphoria.....	2
LIDS.		IRIS, CILIARY BODY AND CHOROID.	
Abrasion.....	7	Iritis.....	18
Abscess.....	25	“ Plastic.....	3
Angioma.....	1	“ Rheumatic.....	4
Blepharitis.....	52	“ Syphilitic.....	4
“ Marginal.....	27	“ Traumatic.....	2
“ Squamous.....	9	“ Idiopathic.....	5
“ Ulcerative.....	9	Anterior Synechiæ.....	2
Burns.....	2	Colomba of Iris.....	2
Carcinoma.....	1	Congenital Defect.....	1
Cellulitis.....	3	Posterior Synechiæ.....	8
Chalazion.....	48	Prolapse of Iris.....	3
Contusion.....	17	Glaucoma.....	3
Cyst.....	8	“ Chronic.....	5
Ecchymosis.....	5	Choroiditis.....	5
Ectropion.....	2	Iridocyclitis.....	1
Eczema.....	1	Choroido Retinitis.....	3
Entropion.....	8	Rupture of Choroid.....	1
Foreign Body.....	15	RETINA AND OPTIC NERVE.	
Hordeolum.....	46	Retinitis, Albuminuric.....	4
Infected Lids.....	10	“ Specific.....	1
Laceration.....	8	Neuro-Retinitis.....	5
Lipoma.....	1	Retinal Hæmorrhage.....	4
Œdema.....	4	Separation of Retina.....	4
Papilloma.....	1	Arteriosclerosis, Retinal	
Ptoxis.....	5	Vessels.....	5
		Atrophy of Optic Nerve....	6



Amblyopia.....	18	Tenonitis.....	1
"    Functional.....	3	Syphilis.....	1
"    Toxic.....	1	Wound of Brow.....	1
Embolus of Retinal Artery..	1	No ocular disease.....	48
Thrombosis of Retinal Ves-		Not treated.....	20
sels.....	1	No diagnosis.....	308
Scotoma.....	1	Diagnosis deferred.....	17
UNCLASSIFIED.		Referred to:	
Burns of Cheek.....	1	Other departments.....	31
Congenital Albinism.....	1	Other institutions.....	8
Epileptiform Convulsions...	1		
Fracture, Frontal Bone.....	1	Total diseases.....	3,473
Frontal Sinus.....	3	Less patients counted	
Hæmatoma of Brow.....	1	more than once.....	600
Infection of Brow.....	1		
Tabes.....	3	Total patients.....	<u>2,873</u>

## OUT-PATIENT DEPARTMENT.

## DISEASES OF THE SKIN.

IN CHARGE OF DRs. KEANY, PERRY, THORNDIKE, BOARDMAN AND HOWE.

From February 1, 1915, to January 31, 1916, Inclusive.

DISORDERS OF THE GLANDS.			
Hyperidrosis.....	5	Pompholyx.....	1
Bromidrosis.....	1	Psoriasis.....	56
Seborrhœa.....	36	Pityriasis rosea.....	11
Comedo.....	2	Lichen Planus.....	4
Milium.....	1	Eczema.....	488
Steatoma.....	2	“ Seborrhœicum.....	17
		Acne.....	155
		“ Rosacea.....	16
		Ulcus (varicose).....	15
INFLAMMATIONS.			
Morbilli.....	2		
Scarlatina.....	1	HÆMORRHAGES.	
Varicella.....	15	Purpura Simplex.....	6
Symptomatic Erythema....	19	“ Rheumatica.....	1
Erythema Scarlatiniforme...	6		
“ Pernio.....	5	HYPERTROPHIES.	
“ Intertrigo.....	3	Chloasma.....	2
“ Multiforme.....	15	Keratosis Pilaris.....	1
“ Nodosum.....	2	“ Senilis.....	8
Urticaria.....	30	Molluscum Epitheliale.....	2
Angioneurotic Œdema.....	6	Verruca.....	41
Dermatitis Unclassified....	119	Nævus Pigmentosus.....	6
“ Venenata.....	45	Onychia.....	1
“ Calorica.....	1	Paronychia.....	2
“ Medicamentosa..	8	Hypertrichosis.....	1
“ Feigned Erup- tions.....	1	Scleroderma.....	2
“ Gangrænosa....	1		
Erysipelas.....	12	ATROPHIES.	
Erysipeloid.....	2	Leucoderma.....	1
Furunculus.....	54	Vitiligo.....	5
Carbunculus.....	2	Alopecia.....	6
Sycosis.....	7	“ Areata.....	19
Impetigo.....	26		
“ Contagiosa.....	84	NEW GROWTHS.	
Ecthyma.....	4	Cicatrix.....	4
Herpes Simplex.....	22	Keloid.....	4
“ Zoster.....	39	Fibroma.....	2
Dermatitis Herpetiformis...	3	Xanthoma.....	4

Angioma.....	7
Tuberculosis Cutis.....	2
"    Lupus Vulgaris,	6
Lupus Erythematosus.....	3
Syphilis.....	303
Chancroid.....	4
Sarcoma Cutis.....	2
Epithelioma.....	38

## SENSORY DERMATO-NEUROSES.

Pruritus.....	19
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## PARASITIC AFFECTIONS.

Tinea Favosa.....	1
"    Circinata.....	16
"    Tonsurans.....	25
"    Kerion.....	6
"    Sycosis.....	4
"    Versicolor.....	8
Scabies.....	78
Pediculosis Capitis.....	20
"    Corporis.....	9
"    Pubis.....	3

## DISEASES OMITTED IN FOREGOING CLASSES.

Abrasion, Septic.....	2
Adenitis.....	1
Cheilitis.....	1
Dactylitis.....	1
Hysteria.....	1
Infection, Acute.....	9
Neurofibroma.....	1
Stomatitis.....	1
Tubercular Glands.....	2
Ulcers, Simple.....	4
"    Syphilitic.....	1
Varicose Veins.....	1

## UNCLASSIFIED CASES.

Diagnosis deferred.....	39
Eloped.....	12
No disease.....	19
Refused treatment.....	3
Referred to other depart- ments.....	45
Total patients.....	<u>2,159</u>

## OUT-PATIENT DEPARTMENT.

## DISEASES OF THE NERVOUS SYSTEM.

IN CHARGE OF DRs. KNAPP, THOMAS, FAIRBANKS, CORIAT AND DALY.

From February 1, 1915, to January 31, 1916, Inclusive.

## I. PERIPHERAL NERVES.

(a.) *Cranial.*

Facial Tic.....	5
Neuralgia, Supraorbital....	1
"    Trifacial.....	3
"    Trigeminal.....	10
Paralysis, Facial.....	18
Neuritis Optic.....	2
Optic Atrophy.....	2
Neuro-retinitis, albuminuric,	1

(b.) *Spinal.*

Neuritis, Alcoholic.....	7
"    Brachial.....	19
"    Median.....	3
"    Multiple.....	4
"    Ulnar.....	2
"    Traumatic.....	1
Paralysis, Brachial.....	1
"    Musculospiral....	7
"    Median.....	3
"    Radial.....	18
"    Ulnar.....	7
Neuralgia, Brachial.....	3
"    Crural.....	1
"    Intercostal.....	2
"    Ulnar.....	1
Acroparæsthesia.....	1
Injury to Brachial Plexus...	1
"    "    Ulnar Nerve....	2
Meralgia Paræsthetica.....	1
Paræsthesia.....	14
Sciatica.....	11
Post-diphtheritic Weakness.	1

## II. SPINAL CORD.

Anterior Poliomyelitis.....	2
Amyotrophic Lateral Sclerosis.....	2

Combined Systemic Disease,	2
Posterolateral Sclerosis.....	1
Progressive Muscular Atrophy.....	3
Meningo-Myelitis, Specific..	1
Multiple Sclerosis.....	10
Myelitis.....	1
Lateral Sclerosis.....	1
Spinal Syphilis.....	5
Syringomyelia.....	3
Tabes Dorsalis.....	32
Tabo-paresis.....	4

## III. BRAIN.

Abscess.....	1
Arteriosclerosis.....	8
Cephalalgia.....	14
Concussion.....	3
Diplegia (Cerebral, Infantile).....	1
General Paralysis.....	5
Hæmorrhage.....	1
Hemiplegia.....	10
Injury (Fracture of Skull)..	1
Meningitis.....	1
Syphilis.....	23
"    Cerebrospinal.....	9
Thrombosis.....	14
Tumor.....	2

## IV. NEUROSES AND PSYCHONEUROSES.

Anxiety Neuroses.....	8
Chorea.....	46
Epilepsy.....	41
Hysteria.....	81
Migraine.....	1
Neurasthenia.....	45
Nervous Irritability.....	16

Occupation Neuroses.....	9	Indigestion.....	1
Paralysis Agitans.....	4	Masturbation.....	1
Psychasthenia.....	3	Labyrinthitis, Chronic.....	1
Stammering.....	6	Menopause.....	5
Torticollis.....	1	Mitral Stenosis.....	2
"    Spasmodic.....	2	Myalgia.....	6
Traumatic Neuroses.....	2	Myocarditis.....	5
V. PSYCHOSES.			
Dementia Paralytic.....	3	Myositis.....	3
"    Præcox.....	6	Osteoarthritis.....	1
"    Senile.....	1	Otitis Media.....	1
Feeble-minded.....	15	Pavor Nocturnus.....	2
Imbecility.....	2	Periarthritis.....	2
Paranoia.....	3	Periostitis.....	6
VI. TROPHIC AND VASO-MOTOR			
NEUROSES.			
Exophthalmic Goitre.....	4	Pes Planus.....	4
VII. INTOXICATIONS.			
Alcoholism.....	15	Poisoning, Tea.....	2
UNCLASSIFIED.			
Abrasion of Arm.....	1	"    Tobacco.....	1
Ankylosis of Shoulder.....	1	Rachitis.....	1
Arteriosclerosis.....	14	Rheumatism.....	2
Arthritis.....	12	Sacroiliac.....	1
Astigmatism.....	2	Sinus, Frontal.....	1
Autointoxication.....	1	Sprain of Shoulder.....	1
Blepharospasm.....	1	Syphilis.....	13
Bursitis, Subdeltoid.....	7	Toxic Amblyopia.....	1
Coccygodynia.....	1	Trauma, Flexor Tendon....	1
Cyclothymia.....	1	Verruca.....	6
Debility.....	3	Vomiting of Pregnancy....	1
Dislocated Elbow.....	1	No Neurological Disease....	59
Flat Foot.....	5	No diagnosis.....	12
Gumma.....	1	No disease.....	17
		Not examined.....	4
		Not treated.....	14
		Diagnosis, deferred.....	6
		Referred to other depart-	
		ments.....	7
		Eloped.....	3
		Total patients.....	<u>870</u>

## OUT-PATIENT DEPARTMENT.

## DISEASES OF THE EAR AND THROAT.

IN CHARGE OF DRs. HOLMES, COFFIN, BORDEN AND VOGEL.

From February 1, 1915, to January 31, 1916, Inclusive.

AURICLE.			
Abrasion.....	1	Subacute.....	33
Abscess.....	4	Catarrhal, Acute.....	68
Burns.....	1	With Mastoiditis.....	14
Frost-bite.....	7	"    Perforation.....	13
Hæmatoma.....	1	Catarrhal, Secreting.....	5
Inflammation:		Chronic, Secreting.....	195
Dermatitis.....	10	Chronic.....	75
Eczema.....	21	With Mastoiditis.....	7
Erysipelas.....	2	"    Perforation.....	22
Intertrigo.....	1	"    Polypi.....	6
Laceration.....	3	"    Granulations.....	15
Perichondritis.....	2	Catarrhal.....	108
Sebaceous Cyst.....	2	Suppurative:	
Trauma.....	7	Acute.....	36
		Chronic.....	38
		With Mastoiditis.....	3
		"    Perforation.....	3
MEATUS.		Effect of Simple Otitis Media,	55
Accumulated Cerumen.....	350	Effect of Chronic Otitis	
Abrasion.....	1	Media.....	82
Foreign Body.....	12	Effect of Suppurative Otitis	
Furnucle.....	11	Media.....	18
Granulation of Canal.....	2	Effect of Chronic Suppurative Otitis Media.....	20
Inflammation:		Effect of Otitis Media with	
Acute Circumscribed.....	34	Mastoiditis.....	1
Acute Diffuse.....	8	Otalgia.....	4
Dermatitis.....	1	Polypi.....	8
Eczema.....	6		
Trauma.....	1		
TYMPANIC MEMBRANE.		LABYRINTH.	
Atrophy.....	36	Labyrinthitis, Acute.....	1
Inflammation.....	16	"    Chronic.....	3
Myringitis.....	2	"    Progressive....	1
Perforation.....	25	Infection of Vestibule.....	1
Retracted Membrane.....	20		
Traumatic Rupture.....	3		
MIDDLE EAR.		MASTOID.	
Inflammation:		Mastoiditis, Acute.....	18
Acute.....	240	"    Subacute.....	2
With Mastoiditis.....	19	"    Chronic.....	12
"    Perforation.....	17	Result of Mastoid Operation	6
		Post-mastoid Sinus.....	3



ANTERIOR NASAL CAVITIES.		Synchia.....	1
Inflammation:		Tumor.....	1
Rhinitis, Acute.....	29	Ulcer of Turbinates.....	1
"    Subacute.....	2	ACCESSORY SINUSES.	
"    Chronic.....	32	Inflammation:	
"    Atrophic.....	81	Antrum of Highmore.....	22
"    Diphtheritic....	6	Ethmoid Cells.....	52
"    Hypertrophic...	43	Frontal Sinusitis.....	25
"    Purulent.....	2	Sphenoiditis.....	10
"    Syphilitic.....	5	Multiple Sinuses.....	38
"    Vasomotor.....	2	NASO-PHARYNX.	
Carcinoma.....	3	Adenoids.....	743
Contusion of Nose.....	12	Adenoids and Tonsils.....	693
Deformity of Nose, Congenital.....	1	Nasopharyngitis:	
Dislocation of Nasal Bones..	5	Acute.....	52
"    Nasal Cartilages.....	7	Subacute.....	35
Eczema.....	7	Chronic.....	30
Epistaxis.....	39	Atrophic.....	29
Foreign Body.....	7	Hypertrophic.....	7
Fracture of Nasal Bones....	22	Adenoids in Fossa of Rosenmüller.....	17
"    Nasal Cartilages.....	3	Occlusion, Eustachian Tube,	3
Furuncle.....	8	MOUTH, TONGUE AND PHARYNX.	
Polypi.....	75	Alveolar Abscess.....	11
Specific Neuroses.....	2	Carcinoma of Pharynx.....	2
Septum:		Carcinoma of Tongue.....	4
Abscess.....	4	Geographic Tongue.....	7
Deviation.....	408	Gingivitis.....	2
Erosion.....	15	Glioma.....	1
Excoriation.....	22	Glossitis.....	3
Exostosis.....	28	Herpes, Buccalis.....	2
Hæmatoma.....	1	"    Labialis.....	3
Necrosis.....	6	"    of Tongue.....	1
Perforation.....	13	Leukoplakia.....	1
Prolongation of Cartilage..	1	Lingual Varix.....	7
Spur.....	47	Mucous Patches.....	6
Thickening.....	21	Pemphigus.....	1
Ulceration.....	1	Papilloma of Pillar.....	2
"    Syphilitic.....	2	Pharyngitis:	
Varix.....	1	Acute.....	64
Congestion of Turbinates...	2	Subacute.....	12
Cystic Degeneration of Turbinates.....	7	Chronic.....	91
Erythema of Nose.....	1	Atrophic.....	19
Excoriated Turbinates.....	1	Follicular.....	9
Hypertrophied Turbinates..	195	Hypertrophic.....	51
Infection of Perinasal Tissue,	3	Rheumatic.....	2
Polypoid Degeneration.....	21	Sicca.....	34

Syphilitic.....	9	Herpes of Tonsils.....	1
Ulcerative.....	2	Intratonsillar Abscess.....	1
Pharyngomycosis.....	1	Hypertrophied Tonsils.....	132
Ranula.....	8	“Lingual Tonsils.....	15
Stomatitis.....	4	Lingual Varix.....	1
Specific Ulcer of Tongue....	3	Membrane on Tonsils.....	3
Specific Ulcer of Pharynx...	2	Mycosis.....	2
Sublingual Abscess.....	1	Peritonsillar Abscess.....	104
Syphilis of Tongue.....	4	Post-operative.....	1
Retropharyngeal Abscess...	7	Ulcer of Tonsil.....	1
Rodent Ulcer of Tongue....	1	Ulcer of Buccal Membrane,	1
		Vincent's Angina.....	7
LARYNX.			
Laryngitis, Acute.....	42		
“Chronic.....	22	SOFT PALATE.	
“Subacute.....	46	Bifid Uvula.....	1
“Sicca.....	3	Elongated Uvula.....	14
“Catarrhal.....	2	Uvulitis, Acute.....	7
“Syphilitic.....	14	Œdema of Uvula.....	4
“Rheumatic.....	2	Papilloma of Uvula.....	1
“Tubercular.....	7	Ulcer of Uvula.....	1
Carcinoma.....	3	Relaxation.....	1
Foreign Body.....	7	Post-diphtheritic Paralysis..	3
Herpes of Epiglottis.....	1	Cleft Palate.....	3
Interarytenoid Thickening..	1	Paresis of Soft Palate.....	1
New Growths.....	1	Specific Ulcer of Soft Palate,	3
Œdema.....	2	Globe Hystericus.....	1
Papilloma.....	3	Foreign Body in Throat....	7
Paralysis.....	3		
Perichondritis of Epiglottis..	1	HARD PALATE.	
Post-tracheotomy.....	1	Dermoid Cyst.....	1
Relaxation of Vocal Cords..	2	Gumma.....	1
Singers' Nodes.....	1	Specific Ulceration.....	2
Swelling of Arytenoids.....	2	“Perforation.....	1
Traumatic.....	2	Trauma.....	1
TONSILS.			
Inflammation:		ŒSOPHAGUS.	
Acute.....	82	Foreign Body.....	3
Subacute.....	48	Stricture.....	4
Chronic.....	36	Tumor.....	1
Chronic Hypertrophic....	149		
Chronic Hypertrophic		UNCLASSIFIED.	
with Adenoids.....	958	Abscess, Cervical.....	3
Follicular.....	47	Adenitis.....	29
Submerged Hypertrophic,	31	“Cervical.....	17
Syphilitic.....	11	“Post-auricular with	
Tubercular.....	2	Suppuration.....	2
Carcinoma.....	1	Asthma.....	2
Diphtheria.....	9	Branchial Cysts.....	2
Foreign Body.....	2	Bronchitis.....	2

Caries of Teeth.....	13	Non-resident.....	2
Cellulitis.....	2	Not treated.....	4
Diphtheria.....	11	Refused treatment.....	3
Erysipelas.....	1	Observation.....	1
Fracture of Jaw.....	2	Referred to:	
Goitre.....	2	Eye O. P. Dept.....	3
Hypertrophied Thyroid.....	3	Medical O. P. Dept.....	11
Hyperthyroidism.....	1	Surgical O. P. Dept.....	7
Hysteria.....	5	Nerve O. P. Dept.....	5
Neuralgia, Facial.....	4	Skin O. P. Dept.....	4
Paralysis, Facial.....	4	Vaccine O. P. Dept.....	18
Parotitis.....	9	South Department.....	16
Pediculosis, Capitis.....	2	X-Ray Department.....	1
Pyorrhœa.....	9	Other departments.....	36
Scarlet Fever.....	5	Other institutions.....	6
Synovitis.....	2	House.....	47
Syphilis.....	28	Dentist.....	13
Ulcer of Cheek.....	1	Total diseases.....	7,481
Ulcer of Lip.....	1	Less patients counted more	
No disease.....	88	than once.....	2,453
No diagnosis.....	92	Total patients.....	<u>5,028</u>
Diagnosis deferred.....	9		
Eloped.....	8		

## OUT-PATIENT DEPARTMENT.

## DISEASES OF WOMEN.

IN CHARGE OF DRs. R. M. GREEN, WILLIAMS, HUNTINGTON AND GOOD.

From February 1, 1915, to January 31, 1916, Inclusive.

DISEASES OF THE VULVA.		(d.) Displacements:	
Abscess, Vulvo-vaginal. . . .	7	Anteflexion. . . . .	27
Chancroids. . . . .	6	Retroversion. . . . .	78
Cyst, Vulvo-vaginal. . . . .	4	Retroversion with	
Cyst, Bartholin's Gland. . . .	1	Adhesions. . . . .	5
Eczema. . . . .	1	Retroflexion. . . . .	1
Epithelioma. . . . .	1	Prolapse. . . . .	49
Pruritis. . . . .	4	Procidentia. . . . .	19
Sinus, Vulvo-vaginal. . . . .	1	Retrocession. . . . .	1
Specific Lesion. . . . .	1	(e.) Unclassified:	
Trauma, External Genitalia, .	1	Lacerated Cervix. . .	68
Venereal Warts. . . . .	1	Lacerated Cervix	
		and Perineum. . . .	85
		Subinvolution. . . . .	22
		Cyst of Perineum. . .	1
		Complete Tear. . . .	1
		Hæmatometra. . . . .	1
		Uterosacral Spasm. . .	1
		Uterine Hæmor-	
		rhage. . . . .	3
		(f.) Functional:	
		Amenorrhœa. . . . .	6
		Dysmenorrhœa. . . . .	4
		Menopause. . . . .	8
		" Prema-	
		ture. . . . .	2
		Menorrhagia. . . . .	2
		Metrorrhagia. . . . .	4
DISEASES OF THE VAGINA.		DISEASES OF THE UTERINE	
Erosion of Vaginal Wall. . . .	1	APPENDAGES.	
Neisser Infection, Acute. . . .	26	Pelvic Abscess. . . . .	1
" " Chronic. . . . .	1	" Inflammation. . . . .	84
Vaginitis, Simple. . . . .	14	" Peritonitis. . . . .	1
" Gonorrhœal. . . . .	2	" Tumor. . . . .	1
Vesico-vaginal Fistula. . . . .	1		
DISEASES OF THE UTERUS.			
(a.) Developmental:			
Infantile Uterus. . . . .	3		
(b.) Inflammatory:			
Endocervicitis. . . . .	30		
Endometritis. . . . .	17		
Erosion of Cervix. . . . .	1		
(c.) New Growths:			
Fibroids. . . . .	31		
Carcinoma of Cervix, . . . .	8		
Carcinoma of Fun-			
dus. . . . .	2		
Cervical Polyp. . . . .	9		

Salpingitis.....	53
Ovaritis.....	1
Ovarian Cyst.....	17
Bilateral Masses.....	2
Tubo-ovarian Mass.....	1

DISEASES OF THE URINARY  
ORGANS.

Cystocele.....	24
Rectocele.....	20
Cystocele and Rectocele....	11
Carcinoma of Bladder.....	1
Cystitis.....	10
Papilloma of Urethra.....	1
Periurethral Abscess.....	1
Stricture of Urethra.....	1
Urethral Caruncle.....	2
Urinary Fistula.....	2
Urethritis.....	2

PREGNANCY, PARTURITION AND  
PERINEUM.

Pregnancy.....	127
Ectopic Gestation.....	3
Miscarriage, Complete.....	9
"    Incomplete.....	18
"    Threatened.....	12
Placenta Prævia.....	1
Retroverted, Incarcerated, Pregnant Uterus.....	2
Toxæmia of Pregnancy.....	1

UNCLASSIFIED.

After Dilation and Curet- tage.....	2
After Laparotomy.....	25
"    Plastic.....	4
Abscess, Breast.....	2
"    Inguinal.....	1
"    Stitch.....	2
Adenitis, Tubercular.....	1
Adhesions.....	10
Anæmia.....	2
Anal Fissure.....	1
Appendicitis.....	9
Apprehension.....	4
Arthritis.....	1
Carcinoma of Breast.....	10
Constipation.....	6
Debility.....	1

Dermatitis.....	1
Enteritis.....	2
Flat Foot.....	2
Gonorrhœa.....	4
Hæmorrhoids.....	5
Hernia, Femoral.....	2
"    Inguinal.....	8
"    In Scar.....	1
"    Umbilical.....	1
"    Ventral.....	2
Herpes Zoster.....	1
Hypopituitarism.....	1
Hysteria.....	1
Indigestion.....	3
Mastitis.....	2
Mental.....	1
Neurasthenia.....	7
Phlebitis.....	1
Post-operative.....	1
Prolapsed Rectum.....	1
Pyelitis.....	4
Rape, Attempted.....	2
Sacroiliac.....	2
Scabies.....	1
Splanchnoptosis.....	24
Static Backache.....	2
Sterility.....	20
Syphilis.....	14
Tuberculosis.....	2
Tumor, Abdominal.....	2
Varicose Veins.....	2
No gynæcological disease...	77
Diagnosis deferred.....	79
Refused treatment.....	5
Eloped.....	5
Referred to:	
House.....	214
Medical O. P. Dept.....	24
Surgical O. P. Dept.....	11
Nerve O. P. Dept.....	7
Skin O. P. Dept.....	17
Lying-In Hospital.....	20
Social Service.....	3
Other institutions.....	16
Total diseases.....	1,652
Less patients counted more than once.....	242
Total patients.....	<u>1,410</u>

## HAYMARKET SQUARE RELIEF STATION.

## SURGICAL OPERATIONS.

From February 1, 1915, to January 31, 1916, Inclusive.

OPERATIONS.	Males.	Females.	Totals.	Relieved.	Not Relieved.	To Boston City Hospital.	Died.	In Hospital Jan. 31, 1916.	Totals.	REMARKS.
Amputations:										
Upper Extremity.....	11	....	11	7	....	2	1	1	11	{ Shock, Exhaustion, 3½ days.
Lower Extremity.....	3	1	4	....	....	4	....	....	4	
Fractures:										
Compound.....	21	1	22	....	....	18	3	1	22	{ Shock, Hæmorrhage, 16 hours.
Simple.....	1	....	1	1	....	....	....	....	1	{ Shock, Exhaustion, 40 hours.
Gunshot Wounds.....	4	....	4	2	....	1	1	....	4	{ Shock, Hæmorrhage, 10 hours.
Gynæcological:										
Dilatation and Curettage,....	....	11	11	4	....	7	....	....	11	
Delivery.....	....	3	3	1	....	2	....	....	3	
Perineorrhaphy.....	....	1	1	1	....	....	....	....	1	
Herniotomy.....	2	....	2	....	....	1	1	....	2	{ Shock, Exhaustion, 40 hours.
Incision and Drainage.....	1	....	1	....	....	1	....	....	1	
Laparatomy:										
Appendectomy.....	1	....	1	....	....	1	....	....	1	
Exploratory.....	4	....	4	....	....	2	2	....	4	{ Ruptured Viscus, Shock, 6 hours.
Gunshot Wounds.....	1	1	2	....	....	1	1	....	2	{ Shock, Hæmorrhage, 6 hours.
Ectopic Gestation.....	....	1	1	....	....	1	....	....	1	{ Shock, Hæmorrhage, 10 minutes.
Perforated Peptic Ulcer..	8	....	8	5	....	1	2	....	8	{ Peritonitis, 60 hours.
										{ Pneumonia, 6 days.
Reductions:										
Dislocations, Compound.	1	....	1	....	....	1	....	....	1	
Dislocations, Simple.....	2	....	2	1	....	1	....	....	2	
Repair.....	19	1	20	12	....	6	....	2	20	
Tendon Suture.....	7	....	7	5	....	2	....	....	7	
Thoracotomy.....	1	....	1	....	....	....	1	....	1	{ Septicæmia, Shock, Exhaustion, 3 hours.
Tracheotomy.....	2	....	2	1	....	....	1	....	2	{ Ruptured Trachea, Shock, 15 hours.
										{ Shock, Lacerated Brain, 20 hours.
Trephine.....	6	1	7	3	....	....	3	1	7	{ Shock, Lacerated Brain, 6 hours.
										{ Shock, 2½ hours.
Totals.....	95	21	116	43	....	52	16	5	116	



## EAST BOSTON RELIEF STATION.

## SURGICAL OPERATIONS.

From February 1, 1915, to January 31, 1916, Inclusive.

OPERATIONS.	Males.	Females.	Total.	Relieved.	Not Relieved.	To Boston City Hospital.	Died.	In Hospital Jan. 31, 1916.	Total.	REMARKS.
Amputations:										
Hand.....	1	....	1	....	....	....	....	1	1	
Fingers.....	5	....	5	4	....	1	....	....	5	
Foot.....	2	....	2	1	....	1	....	....	2	
Appendectomy.....	....	1	1	1	....	....	....	....	1	
Exploratory Laparotomy:										
Stab Wounds of Abdomen,	1	....	1	1	....	....	....	....	1	
Fractures, Compound:										
Humerus, Radius, Ulna.....	1	....	1	....	....	....	1	....	1	Shock, 12 hours.
Skull.....	2	....	2	1	....	....	1	....	2	Shock, 3 hours.
Fractures, Simple:										
Skull.....	1	....	1	....	....	1	....	....	1	
Gynæcological:										
Curettage.....	....	3	3	1	....	2	....	....	3	
Delivery.....	....	1	1	1	....	....	....	....	1	
Trephine:										
Intracranial Injury.....	1	....	1	1	....	....	....	....	1	
Totals.....	14	5	19	11	....	5	2	1	19	

## BEQUESTS.

## FUNDS WITH INTEREST ONLY AVAILABLE.

<i>Goodnow Fund.</i> — For the support of free beds . . . . .	\$26,000 00
<i>Nichol Fund.</i> — For the establishment and endowment of a City Hospital . . . . .	2,000 00
<i>Norcross Fund.</i> — For the benefit of patients leaving the hospital poor and destitute of proper clothing . . . . .	2,000 00
<i>Ball Fund.</i> — For the same purpose and under the same restrictions as the Norcross Fund . . . . .	1,000 00
<i>Goodnow Library Fund.</i> — For replenishing the library of the hospital with books and pamphlets suitable for the reading of the patients during convalescence . . . . .	1,000 00
<i>Shaw Fund.</i> — For the purchase of flowers and fruit for the use and comfort of the patients in the hospital . . . . .	2,000 00
<i>Perkins Fund.</i> — For books for the Medical Library, and for the purchase of artificial limbs and surgical appliances for the use and relief of patients leaving the hospital . . . . .	7,500 00
<i>Cheever Fund.</i> — To purchase and present to each house surgeon when his service expires a pocket case of surgical instruments, as a gift from Dr. David W. Cheever . . . . .	3,500 00
<i>Charles P. Hemenway Fund.</i> — For a free bed, to be known as the Charles P. Hemenway Memorial Bed . . . . .	5,000 00
<i>Herbert L. Burrell Ether Prize Fund.</i> — For a money prize to be given to the house officer who administers ether or other anæsthetic in the most skillful and humane manner . . . . .	1,000 00
<i>Silas Durkee Fund.</i> — “For the benefit of the Boston City Hospital” . . . . .	15,050 00
<i>Daniel S. Ford Fund.</i> — “For the benefit of the Boston City Hospital” . . . . .	6,000 00
<i>Carried forward</i> . . . . .	<u>\$72,050 00</u>

<i>Brought forward</i> . . . . .	\$72,050 00
<i>Carter Fund.</i> — For books for the benefit of the Training School for Nurses . . . . .	2,000 00
<i>Hettie Lang Shuman Memorial Library Fund.</i> — To be expended in perpetuity by the trustees for new books for the use of hospital patients and for the replacing of volumes that have become damaged, lost or destroyed . . . . .	2,000 00
<i>William T. Bolton Fund.</i> — For the benefit of the Boston City Hospital . . . . .	500 00
<i>Patrick A. Collins Memorial Library Fund.</i> — For the purchase of new books for the use of hos- pital patients and for the replacing of those that have become damaged, lost or destroyed, . . . . .	500 00
<i>Mehitable C. C. Wilson Fund.</i> — For the benefit of the Medical Library . . . . .	500 00
<i>Nurses' Fund.</i> — To be used under direction of superintendent and staff for employment of special nurses . . . . .	10,000 00
<i>Dr. George S. Hyde Fund.</i> — For the support of a free bed . . . . .	5,000 00
Total . . . . .	<u>\$92,550 00</u>

## FUNDS WITH BOTH PRINCIPAL AND INTEREST AVAILABLE.

<i>Wyman Building Fund.</i> — Rest and residue of the Thomas T. Wyman estate. Balance on hand January 31, 1916 . . . . .	\$5 45
<i>Patrick A. Collins Memorial Library Fund.</i> — To purchase bookcases and books for the use of hospital patients. Balance on hand January 31, 1916 . . . . .	429 68
<i>Francis Bartlett Bequest.</i> — To be used to purchase radium and X-ray apparatus. Balance on hand January 31, 1916 . . . . .	117 24
Total . . . . .	<u>\$552 37</u>

## THE BOSTON CITY HOSPITAL TRAINING SCHOOL FOR NURSES.

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The trustees of the Boston City Hospital in 1878 established a Training School for Nurses, the fourth organized in the United States, in order to give to women desirous of becoming professional nurses a systematic course of training and practice.

The Training School is controlled by the trustees of the hospital, like all other departments of the hospital service. The Superintendent of the Hospital has the general supervision of all matters relating to the school, its course of work and study, lectures and discipline. The Superintendent of Nurses has the immediate charge of all the nursing in the hospital, of all persons employed in the wards, and also the instruction and management of the nurses in the Training School. All female nurses in the hospital must be connected with the school.

The hospital in all its departments contains 1,088 beds for patients as follows:

Main Hospital . . . . .	680
South Department for Infectious Diseases . . . . .	340
Haymarket Square Relief Station . . . . .	24
East Boston Relief Station . . . . .	10
Convalescent Home . . . . .	34
Total . . . . .	<u>1,088</u>

The number and variety of cases in each department afford ample material for observation and instruction. The course requires three years, and includes general medical and surgical nursing, together with ophthalmic, aural and gynæcological nursing, also the nursing of children, and infectious diseases and of emergency surgical work. There are no maternity wards connected with the hospital, but a course in maternity nursing

has been provided at maternity hospitals elsewhere, without extra cost to the nurse.

The most desirable age for candidates is from twenty-three to thirty-five years. They must be of sound health, and should send with their application a certificate from a physician certifying to the fact. They should also send a brief personal history, and give the names and addresses of three responsible persons, not of their own kin, preferably their last employer, if any, or business men of their acquaintance, who know of their good character and capabilities. Upon the recommendation of the Superintendent of the Hospital and Superintendent of Nurses they will be received for three months on probation. The fitness of candidates for the training and work, and the propriety of retaining or dismissing them, will be determined by the authorities in charge of the school, under the direction of the trustees. At least two years of high school work or its equivalent is necessary. An entrance examination, held every Tuesday morning at ten o'clock, except holidays, is given to all candidates before the term of probation. The examination is in simple arithmetic, English composition and writing from dictation, etc., and is in no sense so severe as to prevent anyone who is capable of undertaking the work of a trained nurse from so doing. The Superintendent of Nurses will have a personal interview with candidates for the school on Tuesdays from ten to twelve o'clock.

At the end of the second month candidates, if considered satisfactory, are permitted to wear the cap and enter upon the regular course of training, but such candidates are not permitted to join the school formally until the end of the third month, when, if accepted, they sign an agreement to complete the prescribed course of three years and to conform to all rules. At the end of the first six months the record and work of each pupil are carefully scrutinized as to her fitness to make a good nurse, and the right is reserved by the authorities of the hospital to terminate then, or at any time, the connection of any pupil or nurse with the school for ineffi-



ciency, misconduct, generally unsatisfactory record, or for any other reason which may be deemed sufficient.

The nurses in the Training School (including probationers) reside at the three nurses' homes connected with the hospital. These houses are attractive and homelike, and have the best of conditions necessary to good health and personal hygiene, while recreation and amusement, necessary to a wholesome life, have been considered in the music room, library and reception rooms provided.

The Superintendent of Nurses has the immediate charge of the Training School, under the authority of the Superintendent of the Hospital and of the trustees, and the nurses are subject to the rules of the hospital, like any other service.

The instruction includes the general care of the sick, the making of beds, changing bed and body linen, managing of helpless patients in bed, etc., giving baths, keeping patients warm or cool, prevention or dressing of bed sores, and proper management of the patient under various conditions, with different diseases or injuries; the making and applying of bandages and rollers, preparation of splints, application and management of surgical apparatus, applying of fomentations and poultices, the dressing of burns, ulcers and wounds, and other minor dressings, cupping, leeching, and subsequent treatment, the administering of enemata, and the use of the female catheter.

Nurses are taught how to act in the various emergencies occurring in hospital and private nursing, as well as in the accidents of ordinary life. They are also given lessons in massage by a professional instructor. There is a systematic course of training in cookery for the sick, the serving of food and delicacies in the proper manner, and the feeding of helpless patients, or those who resist food.

Instruction is also given in the best practical methods of supplying fresh air, of warming and ventilating sick rooms in a proper manner, and the proper care of sick rooms for the best good and comfort of the patient; in



keeping all utensils and appliances perfectly clean and disinfected; in making accurate observations of the pulse, temperature, respiration, expectorations, the secretions, state of the skin, and eruptions; of mental condition, as delirium, stupor, shock, etc., of the condition as to sleep, appetite, effects of diet or of stimulants and medicines; the behavior of wounds and the after treatment in surgical operations; and in the managing of convalescents. Nurses are taught the administering of medicines and the application of external remedies, how to take notes on cases, the making up of the nurse's record, and the reports to the attending doctor.

The three years' course of training includes a preparatory course of three months under a special instructor, followed by a fixed course of instruction from manuals and text-books, mainly given by the Superintendent of Nurses, instructors, dietitian and graduate head nurses. Lectures and demonstrations, chiefly upon practical points, are given at stated times by the medical and surgical staff of the hospital. While the instruction by the manuals, text-books, lectures, demonstrations, quizzes and models is considerable, the main reliance is upon accurate daily drill in the wards, operating rooms, and other departments of the hospital. Examinations, both oral and written, are held from time to time by the authorities of the school, and nurses will not be graduated unless they attain, on critical marking, at least seventy per cent.

The pupils are employed as assistant nurses in the wards, operating rooms, out-patient departments of the hospital and the two Relief Stations. They are given training in medical, in surgical, in contagious and gynecological wards. Maternity training is provided. No class recitations or lectures are given between July 1 and October 1 except to the probation classes.

Probationers are not paid during their first two months but for the remaining ten months of the first year they receive \$10 a month, for the second year \$12.50 a month, and for the third year \$16.67 a month while on duty in the hospital, to pay for the expenses of their uniform,

personal clothing, and other minor requirements. While on duty in a maternity hospital they will receive the allowance provided by the hospital to which they are assigned. This sum is in nowise intended as wages, it being considered that their education during this time is a full equivalent for their services. When the term of three years is completed the nurses receive, if they pass all the examinations and are otherwise satisfactory, a diploma certifying to the regular course of training and practice, and are then permitted to wear the graduate's badge of the school.

The majority of graduates engage in private nursing, but some are invited to remain in the service of the hospital as head nurses, with opportunities of promotion here or in other hospitals. Graduate head nurses who prefer to remain in hospital work, or return after a term of private nursing, are given post-graduate instructions in ward management, hospital housekeeping and minor administration, fitting them to fill positions of trust in hospitals or other institutions.

The school year has no fixed date, but accepted candidates are, as a rule, received in class beginning every three months. Those desiring to enter with less delay can sometimes anticipate a fixed date by placing themselves on the emergency list. When coming to the hospital they should bring with them the following articles: Three gingham or calico dresses, made plainly; dresses to be made high neck, long sleeves; eight large white aprons, made of bleached cotton, two yards wide, meeting in the back, with bibs, without straps, plain at the top and gathered slightly at the bottom, two pearl studs on the band, two inches wide, with hem at bottom five inches in depth, and two inches from the bottom of the dress; two bags for soiled clothes; one pair of scissors, a pinball, and a plain napkin ring with nurse's name; a good supply of plain underclothing — every article to be distinctly marked with pen and indelible ink with the owner's name. Twenty-one pieces are allowed for the laundry each week.

Nurses must bring suitable outer garments for stormy weather, and they are required to wear boots that will be purchased on prescription of our orthopedic surgeon, after coming to the hospital. If the teeth are out of order in any way, they must receive attention before coming for the probationary month. Nurses are required to wear the training school uniform after they join the school. Material for dresses will be sold at cost price; caps are furnished at a nominal price. Probationers should come prepared, on acceptance, to expend about \$20 for uniforms, books and other needful expenses.

Hours of duty for day nurses will vary from six to twelve hours between the hours of 7 a. m. and 8 p. m.; for night nurses, from 8 p. m. to 7 a. m. No nurse is required to do both day and night duty on the same day, except in rare emergencies. Each nurse on day duty is allowed two hours for rest and recreation; one half day, after 1.30 p. m., each week, and four hours on Sunday. Two weeks' vacation with pay is allowed each year, and one week without pay as leave of absence during the third year. If nurses are sick they are cared for in the hospital, but pay is stopped, except for illness or injury received in the line of duty. Pupils may be expected to have a percentage of any considerable time lost by illness or absence added to their three years, at the discretion of the management. Nurses on night duty are required to be in bed from 9 a. m. until 4 p. m. Nurses may be called upon for seven months' regular night duty during the three years' training, besides "special cases" to a limited number.

### COURSE OF INSTRUCTION.

#### I. PROBATIONER'S COURSE.

The first week the probation class meets in the practice room daily for practical instruction in the making of beds, including the use of bed rests, cradles, etc.

The care of rooms, sweeping and dusting.

Care of set bowls, wall stands and utensils.

Care of linen rooms, the folding of linen.

The use of hot and cold applications, including the making of fomentations and poultices.

The care of rubber goods.

The making of surgical supplies, pads, sponges, tampons, etc.

The use of slings, binders and supports.

During this time the class is instructed in the use of antiseptics, disinfectants and deodorants and the preparation of solutions.

Tables of weights and measures.

The use of abbreviations and symbols.

The principles of ventilation.

The temperature of the body. Heat production and radiation.

The use of the clinical thermometer and charts.

The giving of baths, care of the back, mouth, etc.

From the seventh (7th) to the tenth (10th) day allowed to go to the wards, make beds, sweep, dust and fold linen (hours from 7 to 10.30 a. m.).

The tenth (10th) day assigned to wards for regular duty, and during the remaining weeks of the probation course three hours each day will be devoted to class and practice room work, with one additional hour for recreation.

*Total Hours of Study and Ward Work in Three Months'*

*Probation.*

Anatomy, Physiology and Hygiene . . .	66 hours.
Practical Nursing and Practice Room . .	126 "
Materia Medica and Nursing Ethics . .	24 "
Dietetics . . . . .	12 "
Ward Work . . . . .	481 "

I. FIRST YEAR.

Contagious Nursing . . . . .	12 recitations.
Junior Nurse. Brown . . . . .	12 "
Lectures by Physicians and Surgeons . .	37 "
Ward Clinics: Medical, Surgical, Gynæcological and Infectious.	
Laboratory Work in Chemistry, Urinalysis and Bacteriology.	

## II. SECOND YEAR.

Materia Medica . . . . .	12 recitations.
Special Instruction in Bacteriology . . . .	6 exercises.
Instruction in Practical Asepsis in Operating Rooms.	
Massage . . . . .	6 recitations.
Special Lectures in Obstetrics . . . . .	6       “
Obstetrical Course (4 months).	
Optional Course (3 months) at Boston State Hospital.	

## III. THIRD YEAR.

Invalid Cooking . . . . .	12 recitations.
Medical and Surgical Clinical Teaching by Paid Instructors.	
General Review of Course . . . . .	12       “
Work in Operating Rooms, Out-Patient Departments, Relief Stations, Contagious Wards and Housekeeping Department.	
Diet Kitchen . . . . .	One to two months.

The prospectus is subject to change.

An excellent reference library is open to nurses for more extended reading upon subjects under consideration.



## HOUSE RULES.

WITH RULES FOR ADMISSION, GOVERNMENT AND DIS-  
CHARGE OF PATIENTS; ALSO RULES FOR VISITORS.

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## HOUSE RULES.

The doors and gates of the hospital will be closed at ten o'clock in the evening, at which time all inmates, excepting head nurses, who are permitted to remain out until twelve o'clock midnight, shall be quiet, and all not on duty shall be in their rooms, unless otherwise specifically permitted.

All officers, nurses and employees of the hospital, when going and coming to and from the hospital, shall enter and go out by the entrance office, and by no other entrance. Such officers and employees as are required shall use the time register and method of booking that the hospital rules require.

A record shall be kept of all persons entering the hospital between the hours of 10 o'clock in the evening and 7.30 o'clock in the morning.

No employee shall be absent from the hospital except when permitted by special rules or by the Superintendent.

No officer, nurse, male nurse or other employee shall, directly or indirectly, receive money or other gifts from or in behalf of patients, except with the approval of the Superintendent.

The use of tobacco, wine and intoxicating liquors is prohibited within the hospital, unless prescribed by the physicians or surgeons.

All profane and improper language, loud talking and incivility are prohibited.

All employees shall observe such further rules and directions for their conduct as may from time to time be established.

## ADMISSION OF PATIENTS.

Application for admission may be made at the hospital on each day of the week (Sundays excepted),



between nine o'clock a. m. and five o'clock p. m. When ever able, a patient shall apply in person for admission. When not able to apply in person, a patient may be admitted on application made by his physician, or upon a visit to his residence by the admitting physician.

No person having acute venereal disease or alcoholism shall be admitted unless his condition is urgent, except as a paying patient.

No person shall be admitted to the hospital whose case is judged to be incurable, unless there be urgent symptoms which are deemed capable of being relieved.

Persons with state settlements, unless they stand in need of immediate relief, are to be referred to the state hospitals.

Patients settled in other cities and towns in Massachusetts are to be referred to their own city or town for treatment, Boston cases being given the preference.

Unsettled cases, if resident in Boston, may be admitted as paying patients.

Patients may be admitted to the privileges of the hospital at such rate of board as the trustees may from time to time by vote determine, payment for such cases being secured by the friends of the patients or by the authorities of the city or town in which the patient is legally settled.

Whenever, in the opinion of the trustees, the circumstances of the patient will warrant it, the whole or a part of the board will be paid.

If separate apartments or articles not usually furnished at the hospital are furnished, such payment shall be made therefor as the trustees shall deem reasonable.

Persons non-resident and non-settled in Boston are to be admitted only as private patients, *i. e.*, paying patients in private rooms.

All accident or emergency cases shall be received at all hours, night or day, irrespective of settlement.

In all cases where any question arises as to the treatment of newly admitted or other patients, it shall be the duty of the house officer to consult with the executive

on duty in regard to such treatment until the arrival of his visiting physician or surgeon.

If in the judgment of the admitting physician the condition of a newly admitted patient is sufficiently urgent to demand the attention of the visiting staff, he shall so notify the house officer and shall direct him to call his visiting physician or surgeon.

In case alcohol is administered to a patient before or after placing him in the ambulance, or by any other than hospital employees, before the arrival of the ambulance, the same is to be promptly reported to the Admitting Physician, and a record of the fact made in the clinical record book. This rule covers cases brought by conveyances other than hospital ambulances.

#### GOVERNMENT OF PATIENTS.

Patients shall implicitly observe all the rules of the hospital.

Patients shall be in their proper places in the wards during the visits of the physicians and surgeons, and always before 7.30 o'clock in the evening, unless specially excused by the Superintendent.

Such free patients as are able shall assist in nursing and perform such other services as may be reasonably required of them.

No patient shall leave the hospital grounds without a pass from the Superintendent, nor leave his ward without the consent of the nurse in charge.

No patient shall purchase, or cause to be purchased for him, any article of food whatsoever, or any other article, without the consent of the Superintendent.

Profane and obscene language, loud talking and incivility are prohibited.

Patients may be visited by clergymen of their own selection, and any wish for the performance of a particular religious rite shall be granted when practicable.

Complaints, for whatever cause, may be made to the Superintendent, and whenever requested shall be by him reported to the trustees.

## DISCHARGE OF PATIENTS.

Patients shall be discharged by the Superintendent.

Patients discharged on the recommendation of the visiting physicians or surgeons shall be provided with a certificate stating their condition at the time of discharge, whether cured, relieved or not relieved, which certificate shall be signed by the Superintendent.

Whenever a patient is removed from the hospital without the approval of the Superintendent a written statement to that effect shall be required from any person assuming the responsibility of the removal.

## VISITORS.

No person shall visit any part of the premises except on business, or at such times as may be fixed for the reception of visitors, without the permission of the Superintendent or of some one of the trustees.

Daily, from 2 to 3 o'clock in the afternoon, friends may be permitted to visit patients, though no patient shall receive more than two visitors at that hour; and from 6 to 6.30 o'clock on each week day friends may be permitted to visit patients, though no patient shall receive more than one visitor at that hour. In all cases, however, the trustees and the Superintendent may exercise discretionary powers as to excluding or admitting visitors.

When visitors are admitted outside of the regular visiting hours they shall not be permitted to remain more than half an hour, except a special permission to remain for further time is granted.

All visitors shall leave the hospital when the bell rings at the expiration of the visiting hour.

No visitor shall take any meal in the hospital, or pass the night therein, without permission of the Superintendent or one of the trustees.

No visitor shall be allowed to give any article of food or drink to a patient, unless by permission of the nurse; and any article sent to a patient shall be left at the entrance office.

## SPECIAL RULES FOR THE GOVERNMENT OF THE SOUTH DEPARTMENT.

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The department of the Boston City Hospital located on the westerly side of Massachusetts avenue shall be designated as the South Department of the Boston City Hospital. It shall receive patients who require treatment for diphtheria, scarlet fever, measles, whooping cough, and for other infectious diseases as may be determined from time to time by the trustees.

The Superintendent and Medical Director of the Hospital shall, under the direction of the trustees, have the general control and management of this department in the same manner as of other departments of the hospital.

The rules of the hospital shall, so far as applicable, and except as hereinafter provided, apply to the various officers and employees and to the conduct and management of this department.

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## SPECIAL RULES FOR THE GOVERNMENT OF THE HAYMARKET SQUARE AND THE EAST BOSTON RELIEF STATIONS.

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The Boston City Hospital Relief Stations are established not as hospitals, but as departments of the Boston City Hospital for temporary relief, and the rules and methods prevailing now in the hospital shall, so far as applicable, and not inconsistent with special rules, apply to the Relief Stations.

The stations shall afford temporary relief in all classes of accident and disease. They shall be open at all hours for patients requiring treatment or attention.

Patients requiring ward treatment, whether received at the stations or taken up in ambulances, shall, so far as is consistent with their welfare, be forthwith transferred or carried to the hospital for extended treatment, but ward accommodations shall be afforded patients whose condition is such that they cannot properly be transferred. Patients may, however, if it is deemed desirable, be transferred by the ambulances to other hospitals or to their homes. First treatment may be afforded at the stations, although the applicants are not such as require ward treatment.

The Superintendent of the Hospital shall have the general administration, management and control of the stations, the same as of other departments of the hospital.

The Superintendent shall, from time to time, as may be necessary for each station, nominate for confirmation by the trustees a Resident Surgeon and one or more Assistant Resident Surgeons, and shall appoint and employ or detail for service in each department, subject to the approval of the trustees or of the proper committees, a Matron, a Supervisor, nurses, male nurses and such other minor employees as may be required for the proper conduct of the station, who shall be subject to his supervision.

The various officers and employees of the stations shall perform such duties other than those specified as may be required by the trustees or the Superintendent, according to the nature of their respective duties. The Resident Surgeons, the Matrons, Supervisors and such other officers as may be so required shall reside at the stations.

#### PATIENTS.

Alcoholic and insane patients shall not be received unless there is surgical or medical complication making hospital treatment absolutely necessary.

No patient, after being admitted to the wards, shall leave the station until his discharge without a pass from



the proper officer, nor shall he visit other parts of the station without permission.

Ward patients shall be discharged by the Superintendent or Resident Surgeon.

#### AMBULANCE SERVICE AT THE HAYMARKET SQUARE RELIEF STATION.

The ambulance service of the station shall be under the direct control of the Resident Surgeon, and shall coöperate with that of the hospital, with which it shall form one general system. Ambulances shall, in response to calls, be dispatched from the station or the hospital as the exigency may require. The utmost dispatch shall be exercised in the ambulance service, so far as is consistent with a regard for the welfare of the patient and the interest of the public.

Ambulances shall in general be sent from the station or the hospital at least upon a general alarm to all fires occurring in the city proper and in such further districts as may be determined upon.

An ambulance shall be held during the hours of the day in complete readiness to make immediate response to calls, and shall be kept in condition to make prompt response to calls at any time of the night.

A house officer shall accompany the ambulance, shall direct its course and shall have direction of the care and treatment of the patient until received at his destination.

The foreman of the ambulance service at the hospital station shall visit and inspect the Ambulance Department of the station from time to time, but the immediate carrying out of directions shall be under the assistant foreman at the station.

#### AMBULANCE SERVICE AT THE EAST BOSTON RELIEF STATION.

The rules and methods prevailing in the Haymarket Square Relief Station ambulance service shall, so far as applicable, be effective in the East Boston Relief Station ambulance service.



## SPECIAL RULES FOR THE GOVERNMENT OF THE CONVALESCENT HOME.

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The department of the Boston City Hospital located on Dorchester avenue, in Dorchester, shall be known as the Convalescent Home, and shall receive such patients recovering from acute diseases as shall be transferred to it from the main hospital for treatment during convalescence.

The Superintendent of the Hospital shall, under the direction of the trustees, have the control and management of the Convalescent Home in the same manner as of other departments of the hospital.

The Superintendent shall appoint, subject to the approval of the trustees, a Matron, and shall employ, under their direction, such further assistants as may be necessary for the proper conduct and service of the home.

The Matron, under the direction of the Superintendent, shall have the immediate charge of the home and the control of all nurses and other employees and patients. She shall reside at the home.

### VISITORS.

Friends may be permitted to visit patients daily between three and four o'clock in the afternoon. In all cases the trustees, Superintendent and Matron may exercise discretionary powers as to excluding or admitting visitors.

Visitors shall leave the home and grounds at the expiration of the visiting hour, and shall visit no part of the home or grounds other than the reception room, except by permission from the proper authority.

No person shall give any article of food or drink to a patient unless by permission of the Matron.











